

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081324\
 Data File : VU060415.D
 Acq On : 13 Aug 2024 10:14
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:15:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 13 16:28:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	85499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	44904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22077	3.290	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.910	69	23120	3.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.563	65	9776	3.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	4.637	46	79788	56.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.040%
24) Chloroform-d	5.055	84	60611	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	29940	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.721	84	105831	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.685	67	37379	4.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.891	98	95745	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.177	79	11549	4.444	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.627	63	64817	56.206	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33542	5.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	38689	4.677	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	23748	5.149	ug/L	100
3) Chloromethane	1.518	50	28089	4.896	ug/L	98
5) Vinyl chloride	1.602	62	32504	4.839	ug/L	97
6) Bromomethane	1.856	94	23359	4.911	ug/L	95
8) Chloroethane	1.930	64	22434	4.924	ug/L	97
9) Trichlorofluoromethane	2.132	101	51364	5.455	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30166	4.861	ug/L	98
12) 1,1-Dichloroethene	2.576	96	27536	4.884	ug/L #	83
13) Acetone	2.650	43	45467	46.747	ug/L	96
14) Carbon disulfide	2.788	76	64174	4.512	ug/L	100
15) Methyl Acetate	2.959	43	12362	6.134	ug/L #	89
16) Methylene chloride	3.039	84	36359	4.537	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	76817	5.780	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	28213	5.102	ug/L	94
19) 1,1-Dichloroethane	3.859	63	61930	5.424	ug/L	99
21) 2-Butanone	4.714	43	78010	53.814	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	35660	5.341	ug/L	97
23) Bromochloromethane	4.968	128	16883	5.479	ug/L	94
25) Chloroform	5.081	83	67774	5.456	ug/L	96

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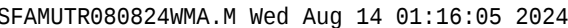
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 ClientSampleId :

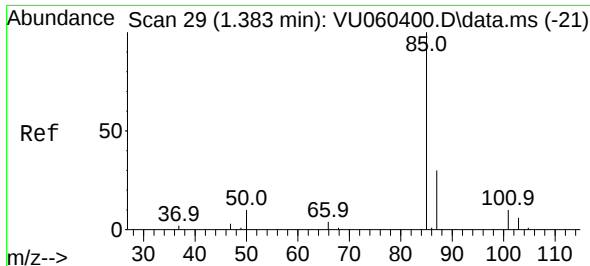
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	40452	6.123	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	54103	5.752	ug/L	98
30) Cyclohexane	5.380	56	36549	4.800	ug/L	98
31) Carbon tetrachloride	5.518	117	46421	5.631	ug/L	98
33) Benzene	5.769	78	133142	5.382	ug/L	100
34) Trichloroethene	6.537	95	33962	5.244	ug/L	99
35) Methylcyclohexane	6.756	83	39995	4.730	ug/L	99
37) 1,2-Dichloropropane	6.785	63	37931	5.634	ug/L	99
38) Bromodichloromethane	7.100	83	47751	5.738	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	47559	5.200	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	198678	63.215	ug/L	99
42) Toluene	7.962	91	144389	5.523	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	40426	5.351	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	28993	5.623	ug/L	96
47) Tetrachloroethene	8.547	164	25467	5.028	ug/L	97
48) 2-Hexanone	8.679	43	146386	61.441	ug/L	98
49) Dibromochloromethane	8.801	129	32828	5.987	ug/L	93
50) 1,2-Dibromoethane	8.917	107	26095	5.685	ug/L	97
51) Chlorobenzene	9.441	112	95354	5.407	ug/L	98
52) Ethylbenzene	9.563	91	146541	5.321	ug/L	98
53) m,p-Xylene	9.688	106	57889	5.531	ug/L	99
54) o-Xylene	10.093	106	56749	5.666	ug/L	99
55) Styrene	10.110	104	99928	5.766	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	37476	5.845	ug/L	98
59) Bromoform	10.283	173	19842	5.819	ug/L	99
60) Isopropylbenzene	10.476	105	148193	5.466	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	25779	5.930	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	114835	5.501	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	115692	5.624	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	77700	5.623	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	75616	5.429	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	72210	5.534	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	5207	6.389	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	53647	5.137	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	41797	5.098	ug/L	99
71) Naphthalene	14.080	128	59572	5.110	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	37417	5.094	ug/L	98

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

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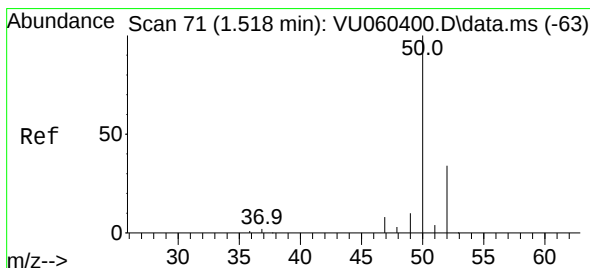
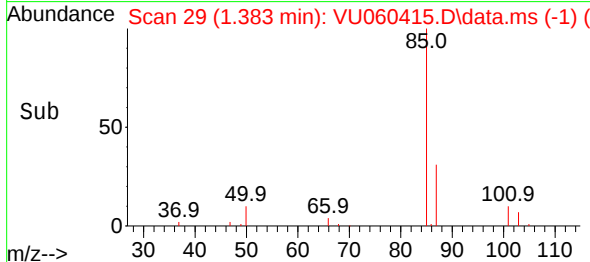
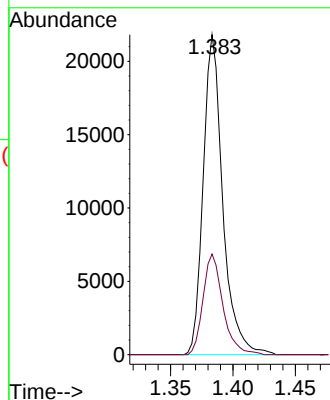
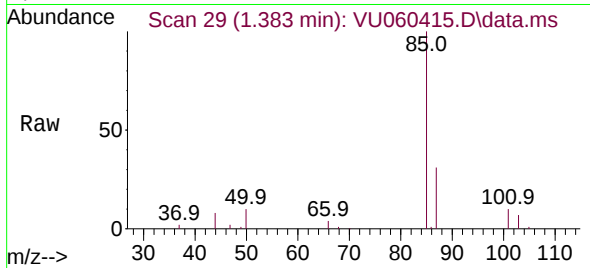




#2
 Dichlorodifluoromethane
 Concen: 5.149 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060415.D
 Acq: 13 Aug 2024 10:14

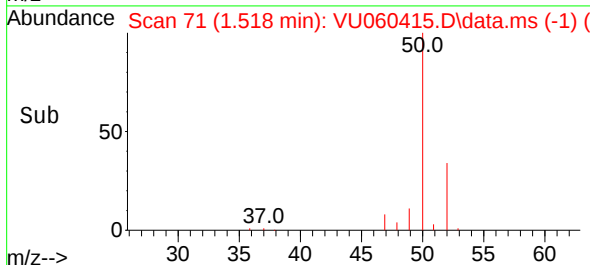
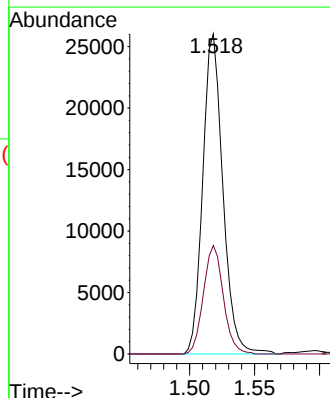
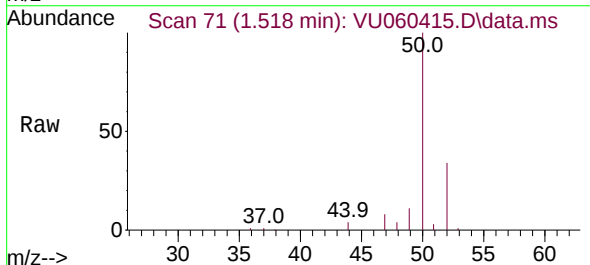
Instrument :
 MSVOA_U
 ClientSampleId :

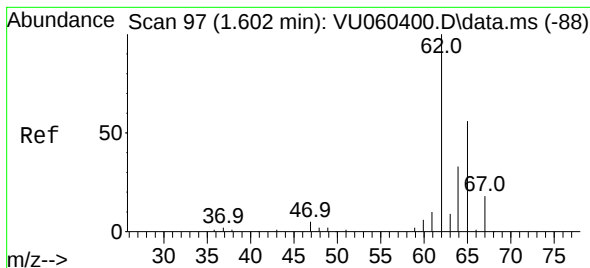
Tgt Ion: 85 Resp: 23748
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.7 38.5



#3
 Chloromethane
 Concen: 4.896 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060415.D
 Acq: 13 Aug 2024 10:14

Tgt Ion: 50 Resp: 28089
 Ion Ratio Lower Upper
 50 100
 52 33.9 22.8 42.4





#5

Vinyl chloride

Concen: 4.839 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

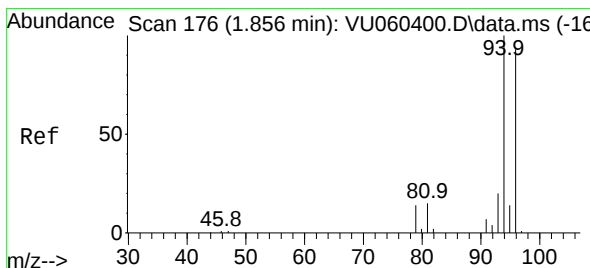
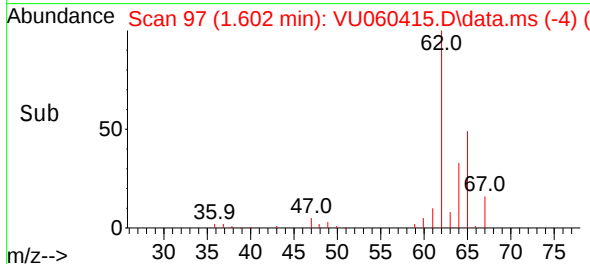
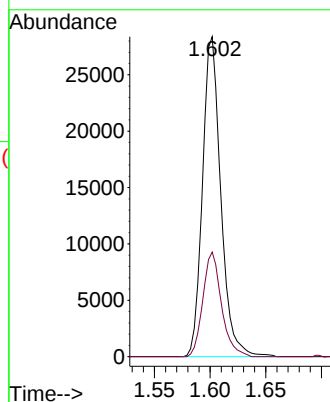
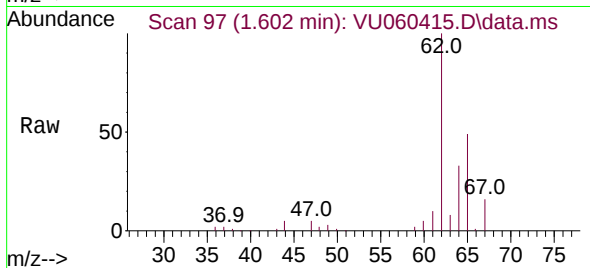
ClientSampleId :

Tgt Ion: 62 Resp: 32504

Ion Ratio Lower Upper

62 100

64 32.7 24.1 44.7



#6

Bromomethane

Concen: 4.911 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060415.D

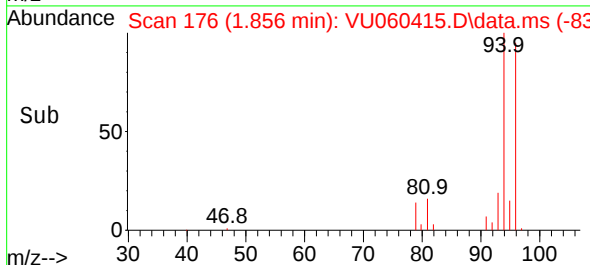
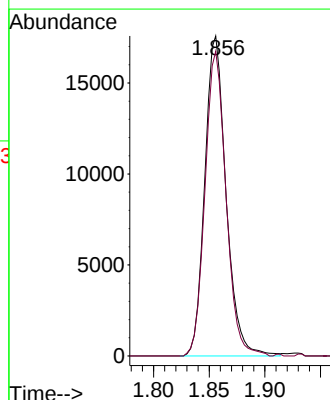
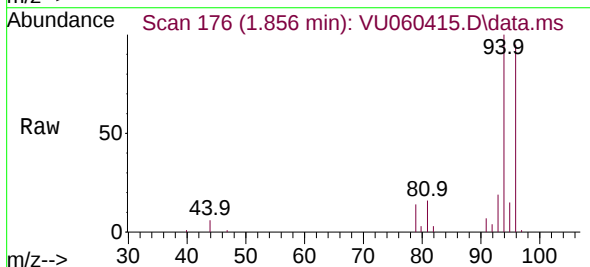
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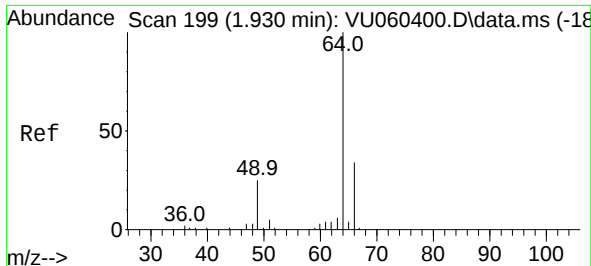
Tgt Ion: 94 Resp: 23359

Ion Ratio Lower Upper

94 100

96 95.2 63.2 117.4

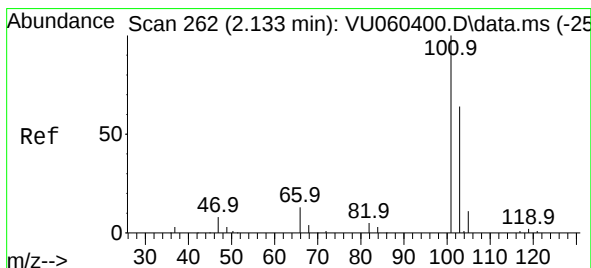
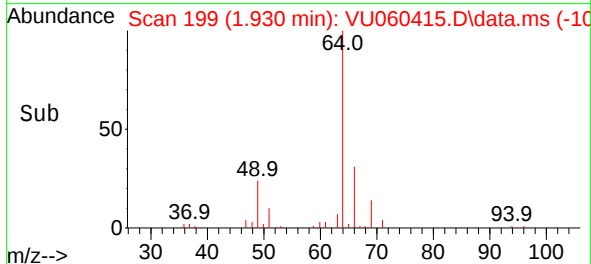
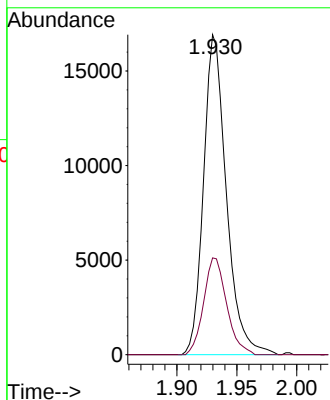
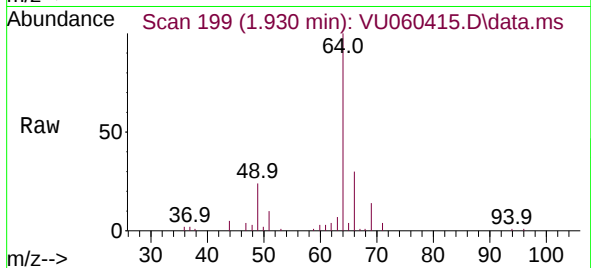




#8
Chloroethane
Concen: 4.924 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

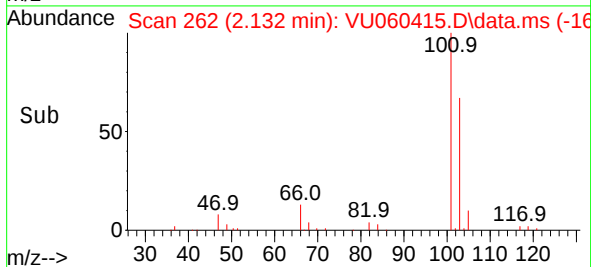
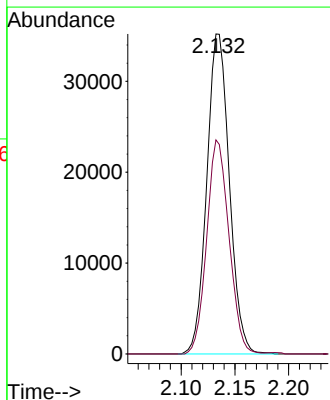
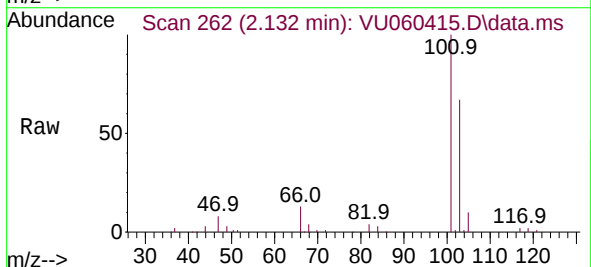
Instrument :
MSVOA_U
ClientSampleId :

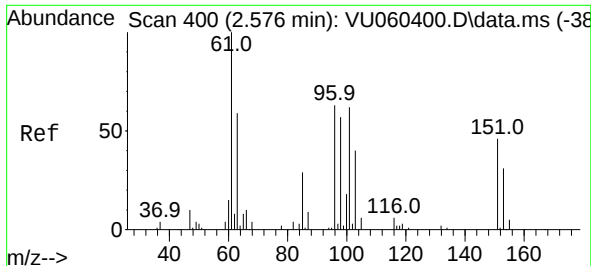
Tgt Ion: 64 Resp: 22434
Ion Ratio Lower Upper
64 100
66 30.2 22.2 41.2



#9
Trichlorofluoromethane
Concen: 5.455 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Tgt Ion:101 Resp: 51364
Ion Ratio Lower Upper
101 100
103 66.1 51.7 77.5





#10

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

Concen: 4.861 ug/L

RT: 2.573 min Scan# 30

Delta R.T. -0.003 min

Lab File: VU060415.D

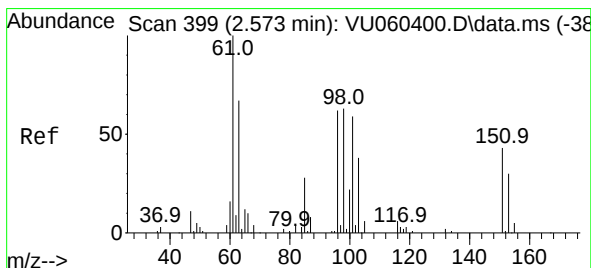
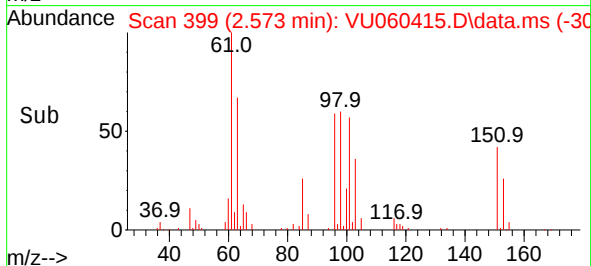
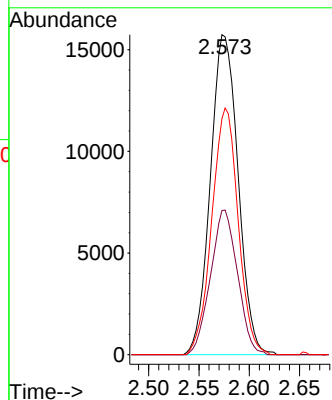
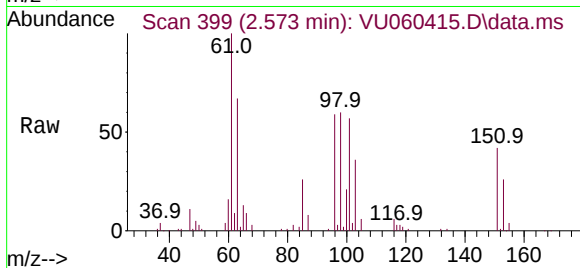
Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	30166
Ion Ratio	Lower	Upper
101	100	
85	44.1	33.5 50.3
151	73.5	59.7 89.5



#12

1,1-Dichloroethene

Concen: 4.884 ug/L

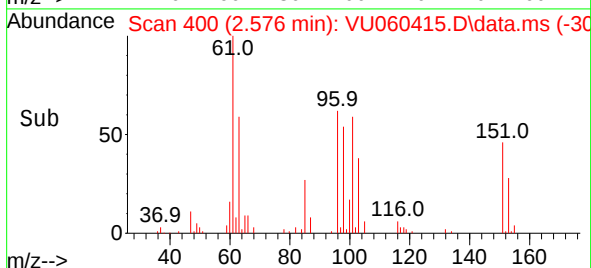
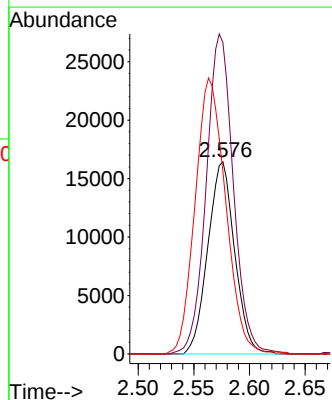
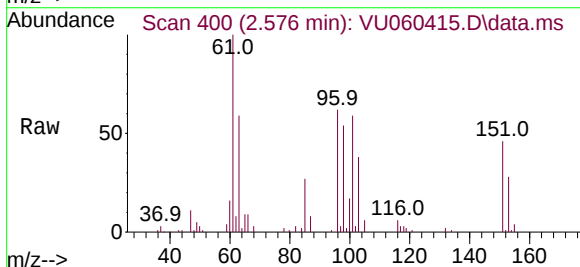
RT: 2.576 min Scan# 400

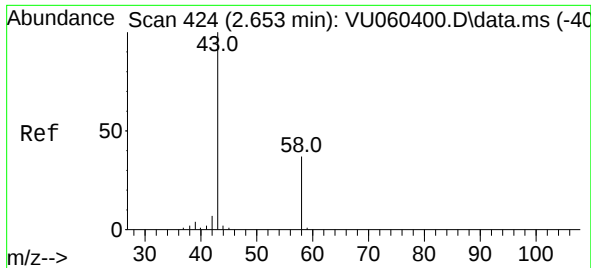
Delta R.T. 0.003 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Tgt Ion: 96	Resp:	27536
Ion Ratio	Lower	Upper
96	100	
61	162.0	114.4 212.4
63	95.0	96.0 178.4#





#13

Acetone

Concen: 46.747 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

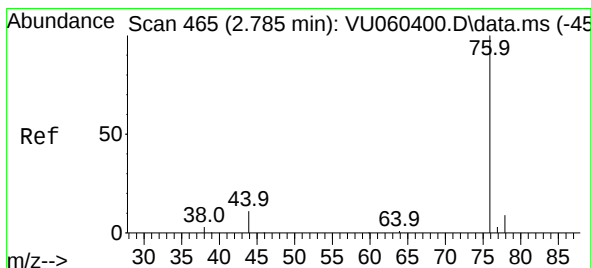
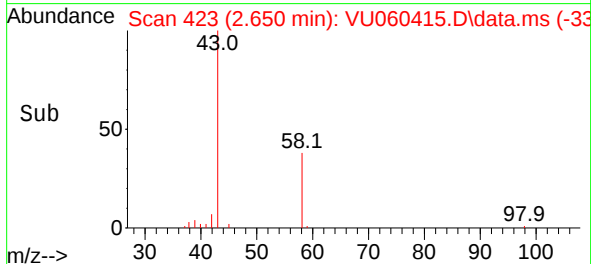
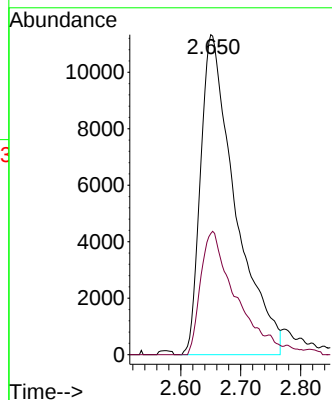
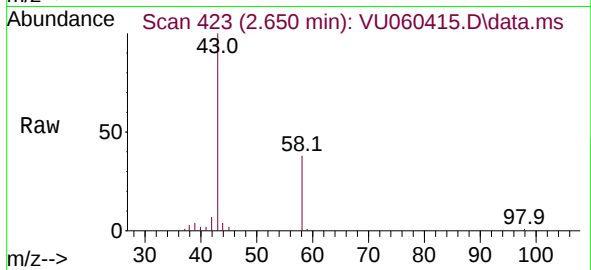
ClientSampleId :

Tgt Ion: 43 Resp: 45467

Ion Ratio Lower Upper

43 100

58 37.1 0.0 78.8



#14

Carbon disulfide

Concen: 4.512 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060415.D

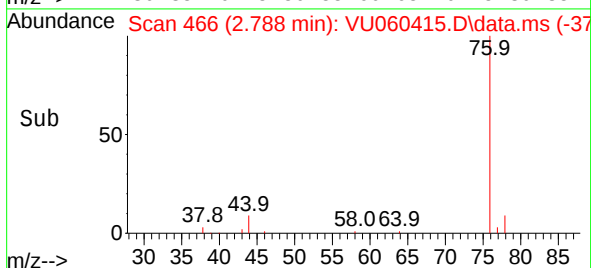
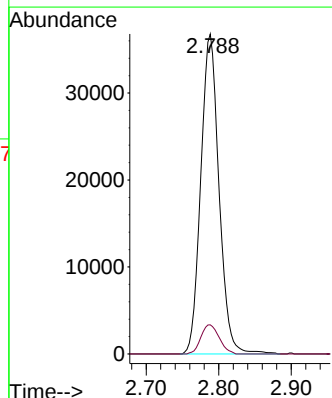
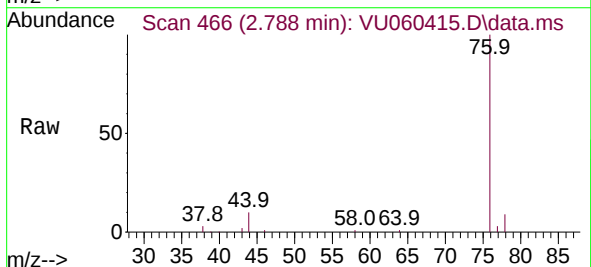
Acq: 13 Aug 2024 10:14

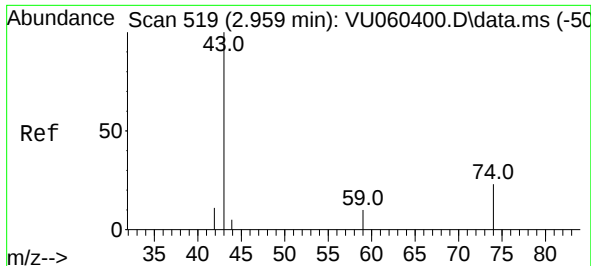
Tgt Ion: 76 Resp: 64174

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

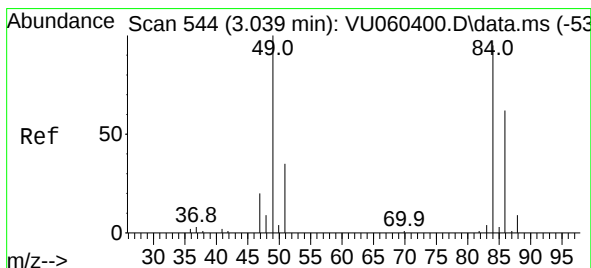
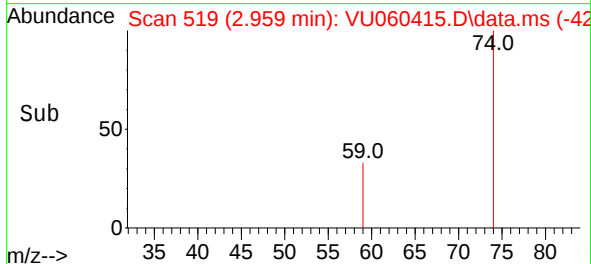
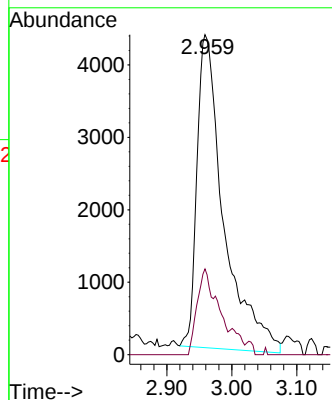
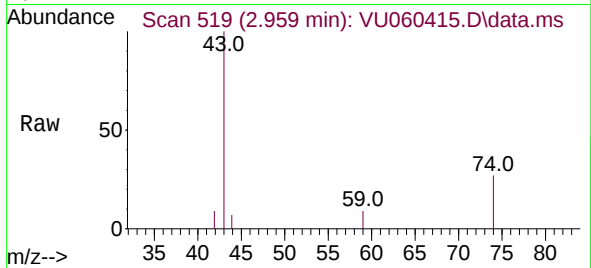




#15
Methyl Acetate
Concen: 6.134 ug/L
RT: 2.959 min Scan# 519
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

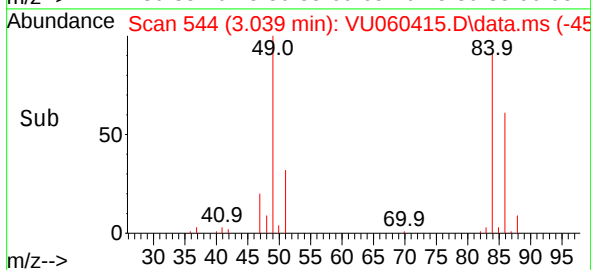
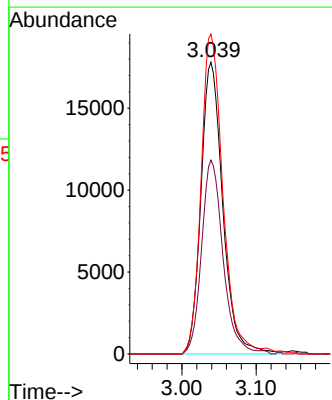
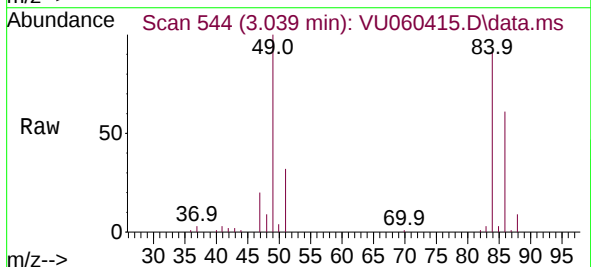
Instrument :
MSVOA_U
ClientSampleId :

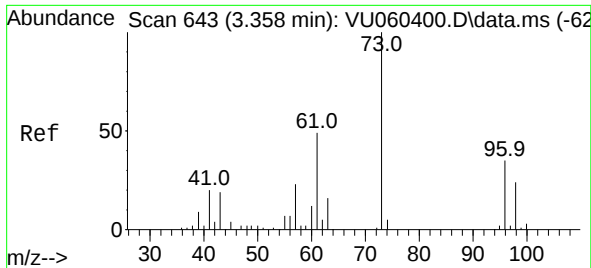
Tgt Ion: 43 Resp: 12362
Ion Ratio Lower Upper
43 100
74 21.1 21.3 31.9#



#16
Methylene chloride
Concen: 4.537 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Tgt Ion: 84 Resp: 36359
Ion Ratio Lower Upper
84 100
86 66.4 47.1 87.5
49 109.7 73.9 137.3

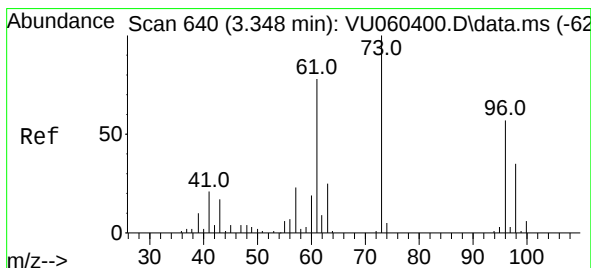
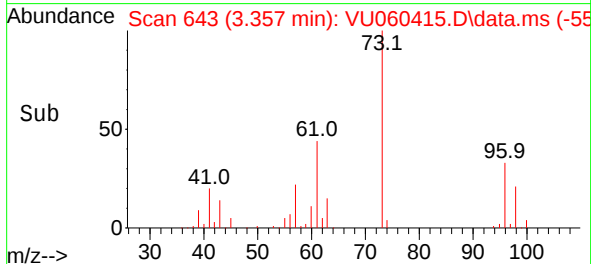
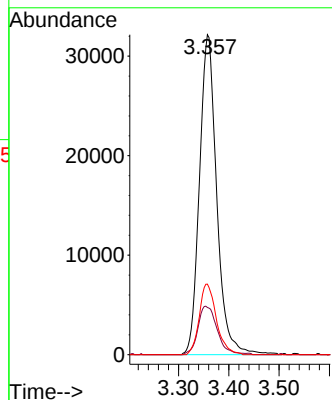
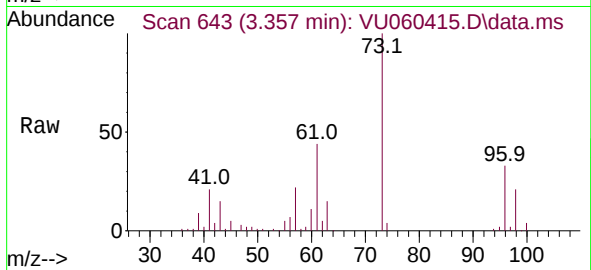




#17
Methyl tert-butyl Ether
Concen: 5.780 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

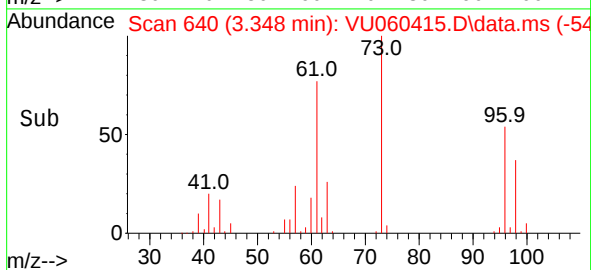
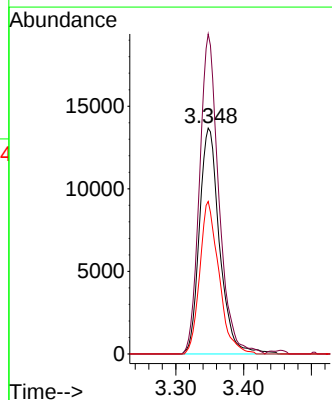
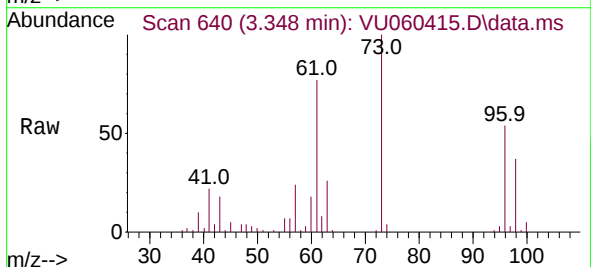
Instrument :
MSVOA_U
ClientSampleId :

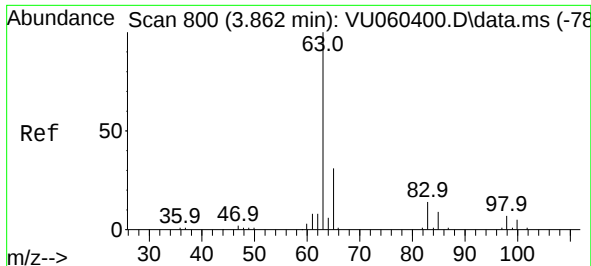
Tgt Ion: 73	Resp: 76817
Ion Ratio	Lower Upper
73 100	
43 16.8	12.8 19.2
57 21.9	17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 5.102 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

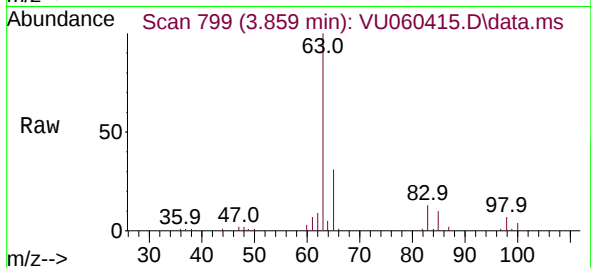
Tgt Ion: 96	Resp: 28213
Ion Ratio	Lower Upper
96 100	
61 141.6	93.7 174.1
98 67.5	44.7 82.9



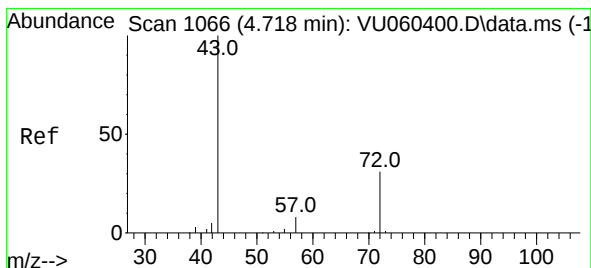
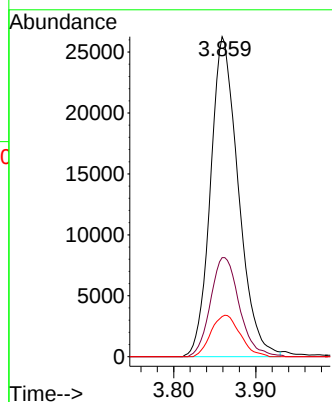
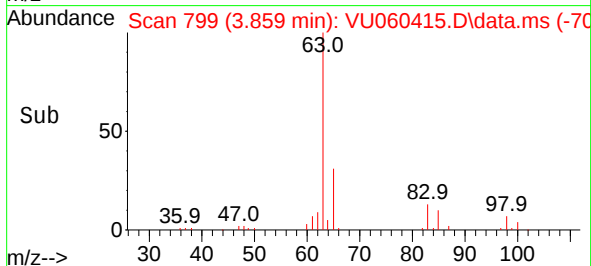


#19
1,1-Dichloroethane
Concen: 5.424 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Instrument :
MSVOA_U
ClientSampleId :

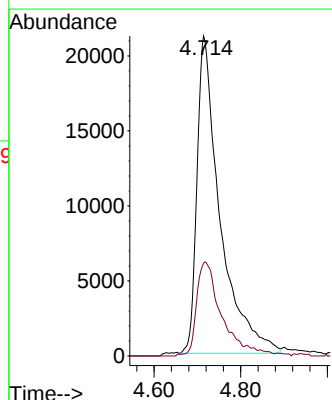
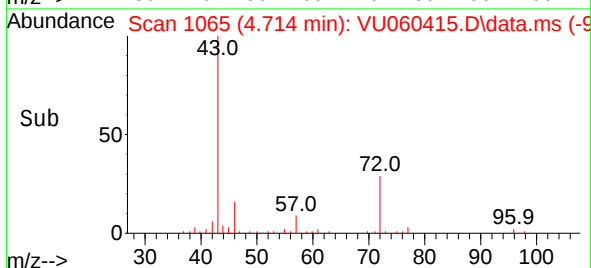
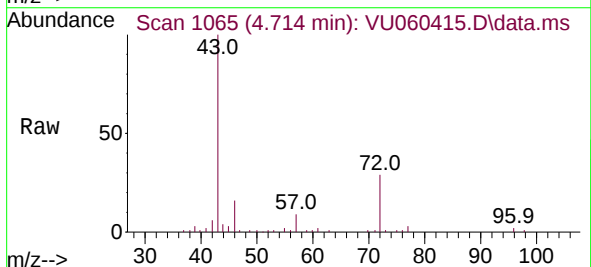


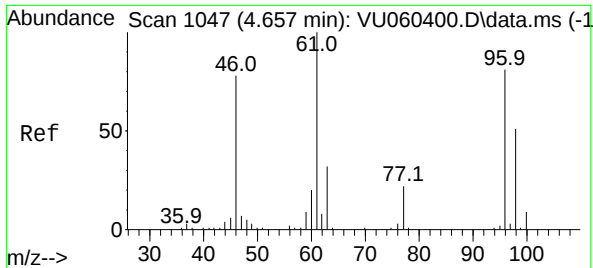
Tgt Ion: 63 Resp: 61930
Ion Ratio Lower Upper
63 100
65 31.0 22.2 41.2
83 12.6 9.1 16.9



#21
2-Butanone
Concen: 53.814 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.003 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

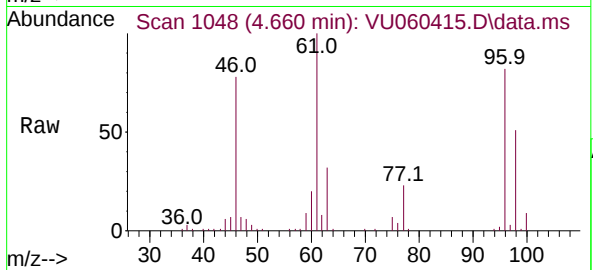
Tgt Ion: 43 Resp: 78010
Ion Ratio Lower Upper
43 100
72 30.1 15.9 47.6



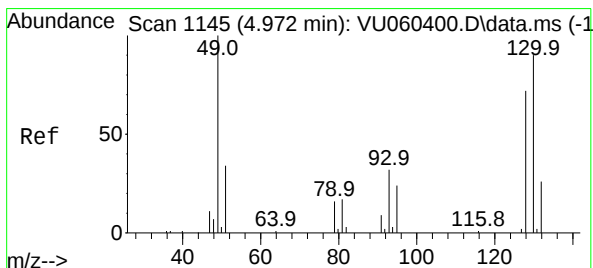
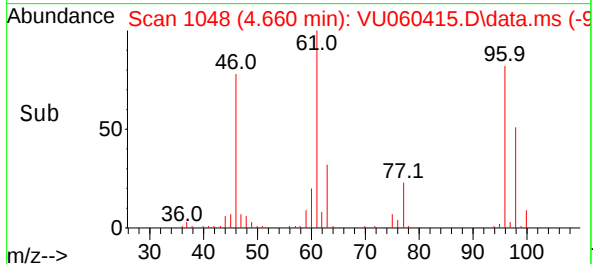
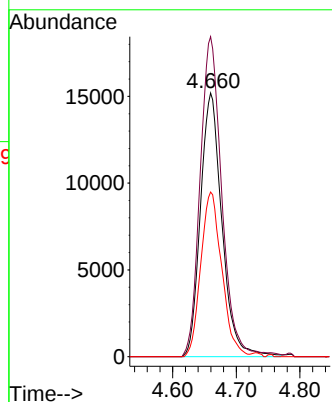


#22
 cis-1,2-Dichloroethene
 Concen: 5.341 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU060415.D
 Acq: 13 Aug 2024 10:14

Instrument :
 MSVOA_U
 ClientSampleId :

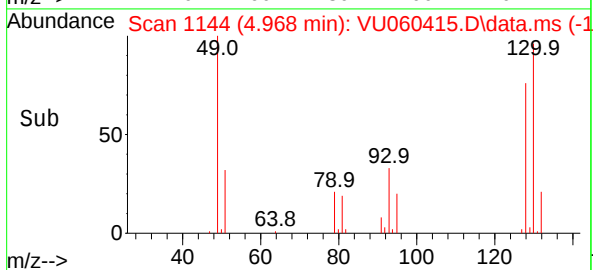
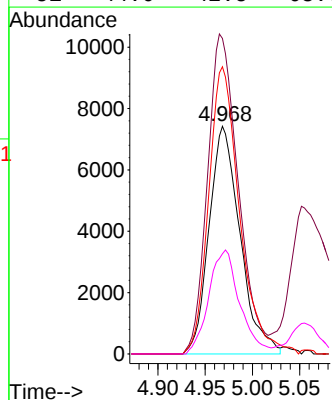
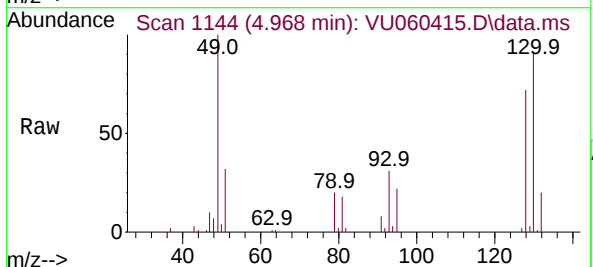


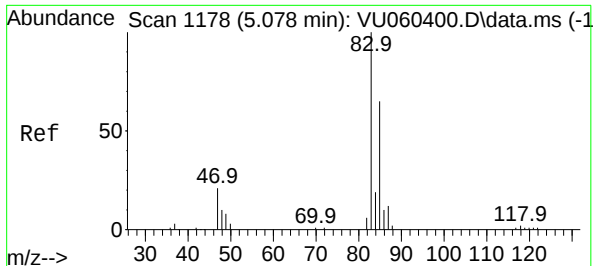
Tgt Ion: 96 Resp: 35660
 Ion Ratio Lower Upper
 96 100
 61 121.4 81.5 151.5
 98 62.5 43.5 80.7



#23
 Bromochloromethane
 Concen: 5.479 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU060415.D
 Acq: 13 Aug 2024 10:14

Tgt Ion: 128 Resp: 16883
 Ion Ratio Lower Upper
 128 100
 49 138.6 101.0 187.6
 130 126.2 92.7 172.1
 51 44.0 42.5 63.7





#25

Chloroform

Concen: 5.456 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

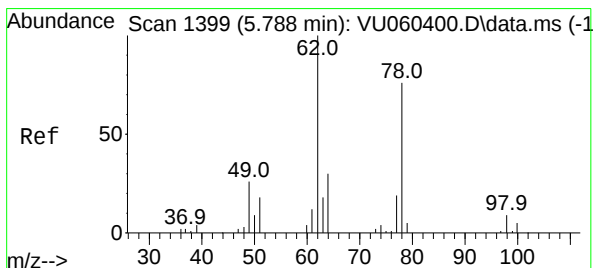
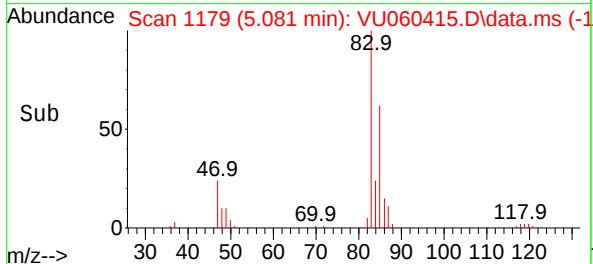
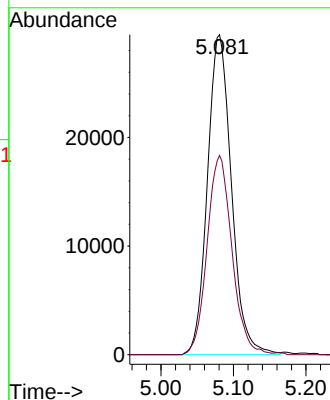
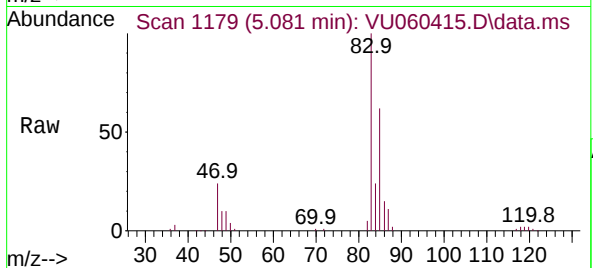
ClientSampleId :

Tgt Ion: 83 Resp: 67774

Ion Ratio Lower Upper

83 100

85 62.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 6.123 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060415.D

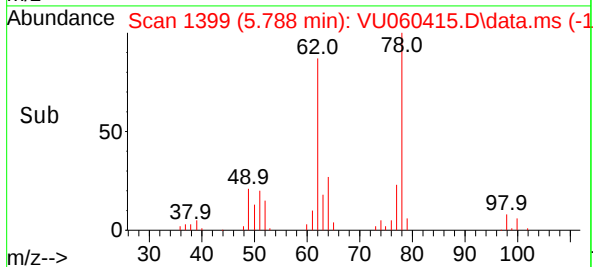
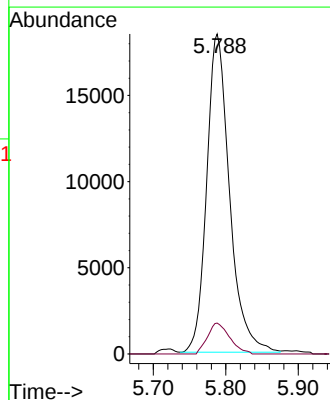
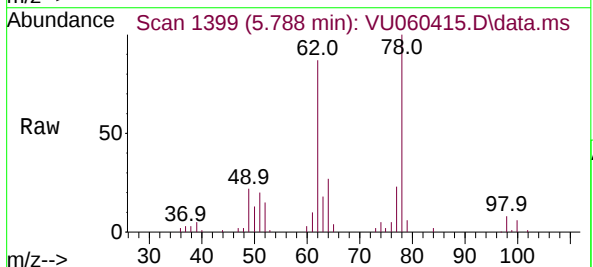
Acq: 13 Aug 2024 10:14

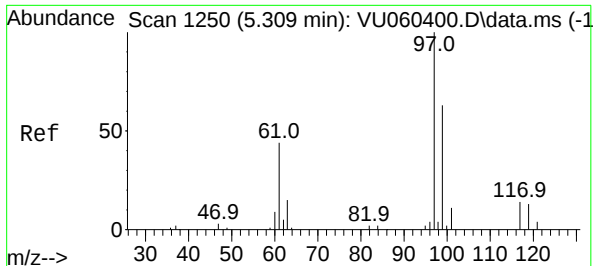
Tgt Ion: 62 Resp: 40452

Ion Ratio Lower Upper

62 100

98 9.6 9.0 13.6



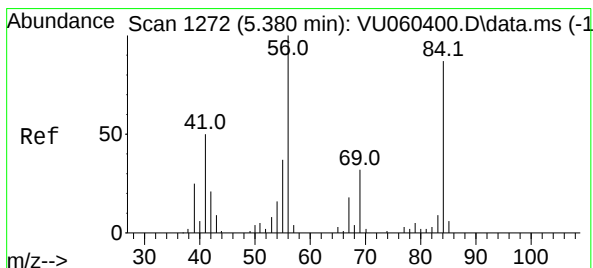
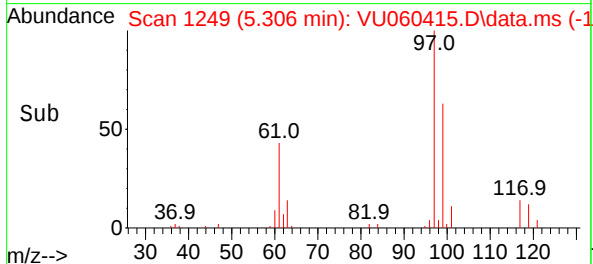
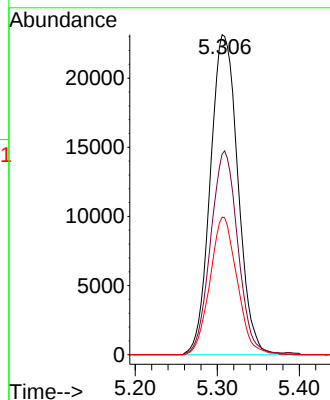
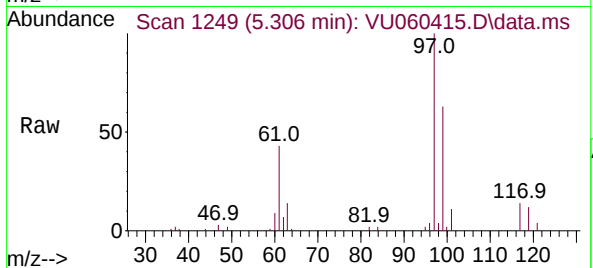


#29
1,1,1-Trichloroethane
Concen: 5.752 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 54103

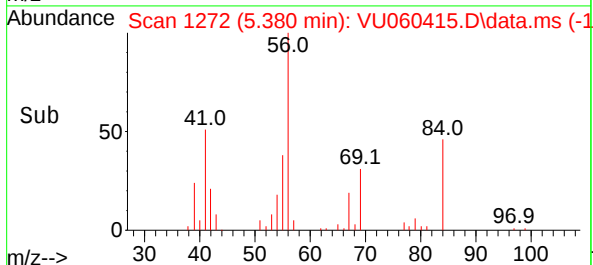
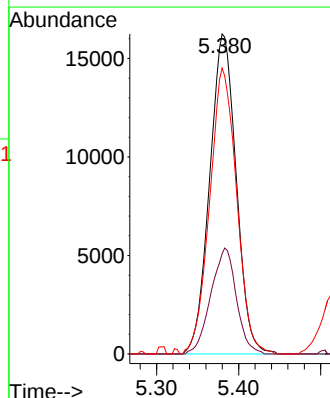
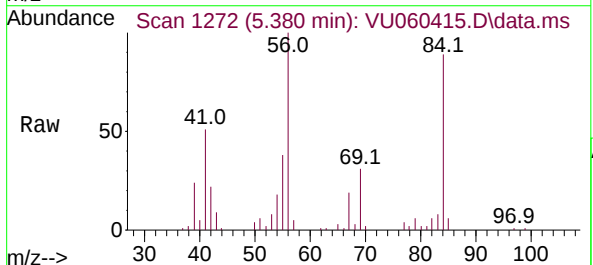
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	42.3	33.0	49.6

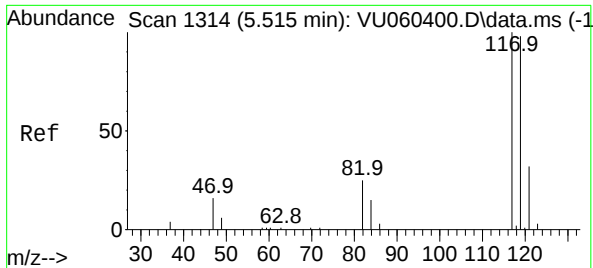


#30
Cyclohexane
Concen: 4.800 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Tgt Ion: 56 Resp: 36549

Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.7	37.1
84	90.5	70.7	106.1

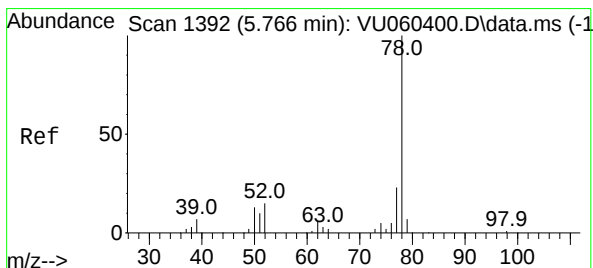
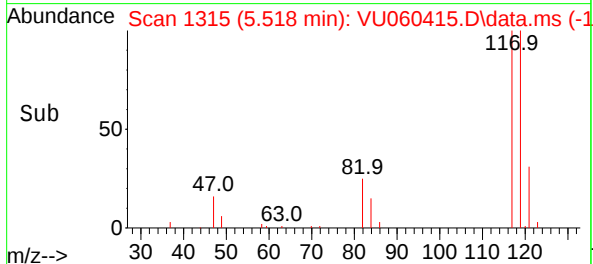
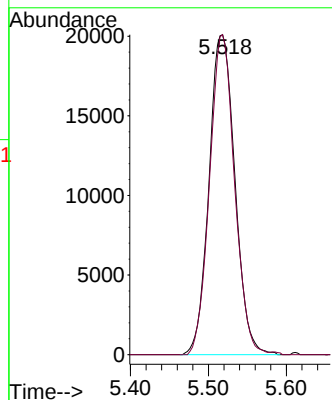
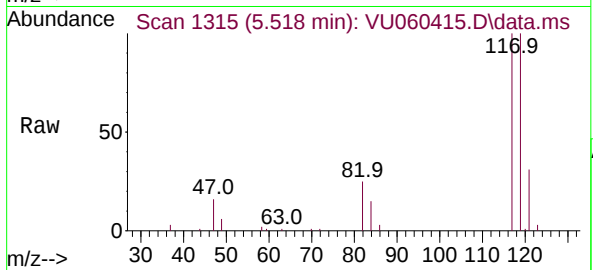




#31
Carbon tetrachloride
Concen: 5.631 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

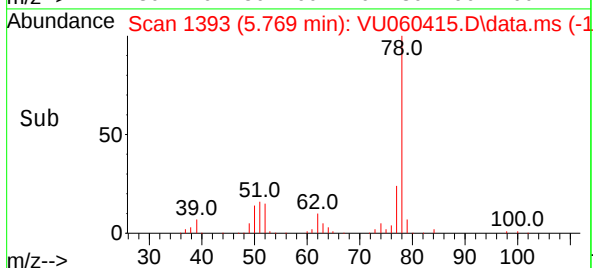
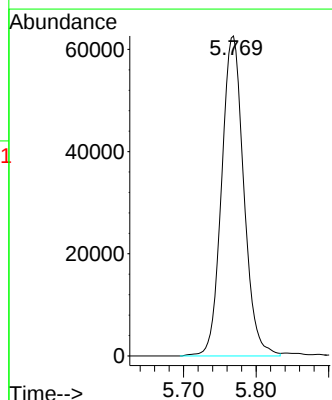
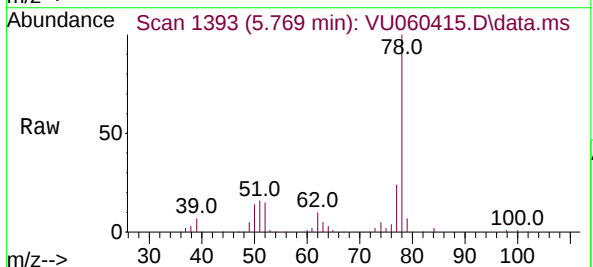
Instrument :
MSVOA_U
ClientSampleId :

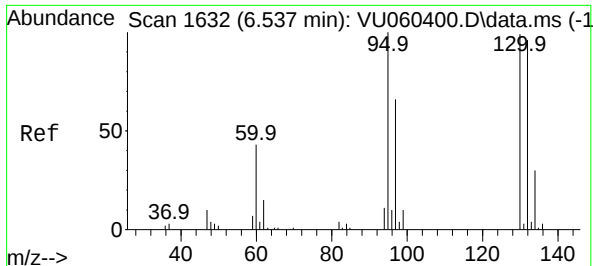
Tgt Ion:117 Resp: 46421
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.8



#33
Benzene
Concen: 5.382 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

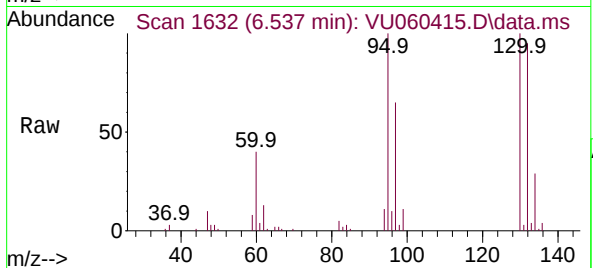
Tgt Ion: 78 Resp: 133142



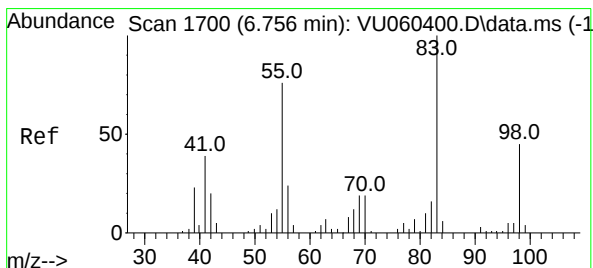
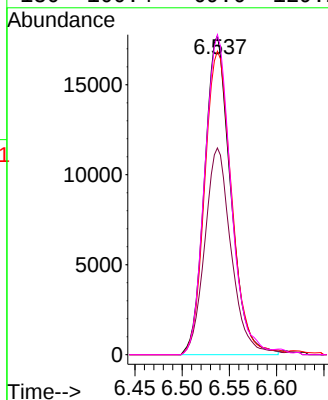
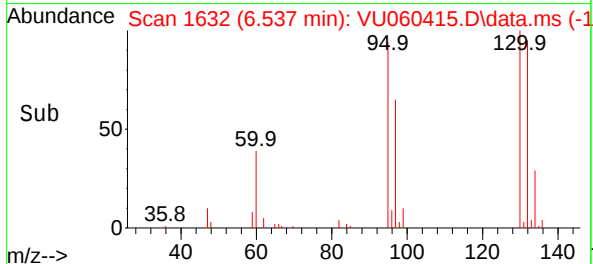


#34
Trichloroethene
Concen: 5.244 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

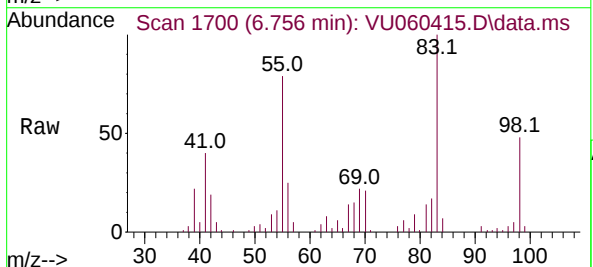
Instrument :
MSVOA_U
ClientSampleId :



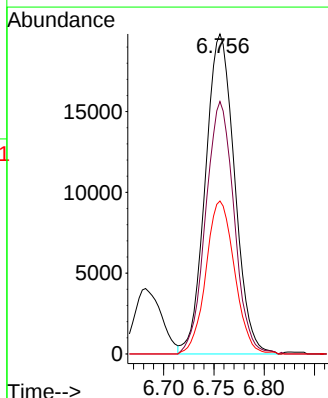
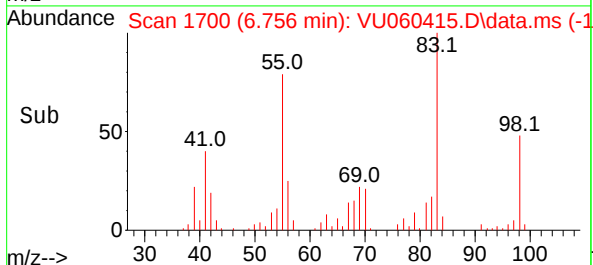
Tgt Ion: 95 Resp: 33962
Ion Ratio Lower Upper
95 100
97 64.8 43.6 81.0
132 95.2 67.1 124.5
130 100.4 69.6 129.2

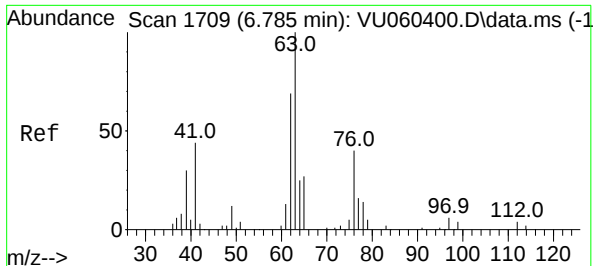


#35
Methylcyclohexane
Concen: 4.730 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14



Tgt Ion: 83 Resp: 39995
Ion Ratio Lower Upper
83 100
55 76.8 62.4 93.6
98 46.8 37.3 55.9

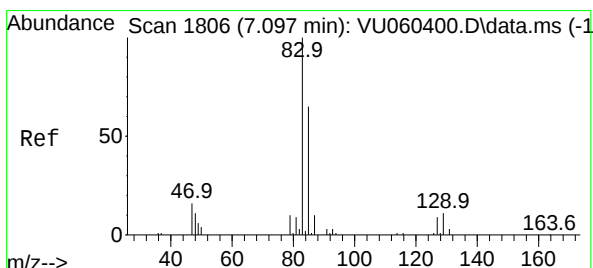
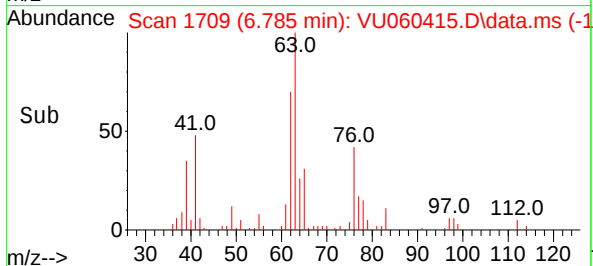
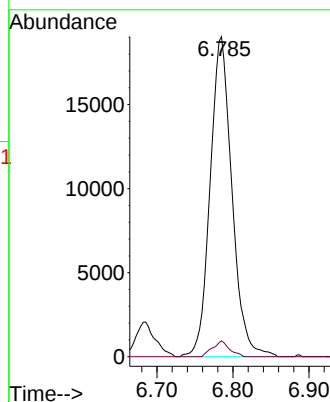
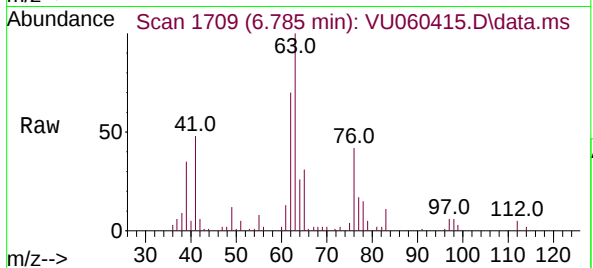




#37
1,2-Dichloropropane
Concen: 5.634 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

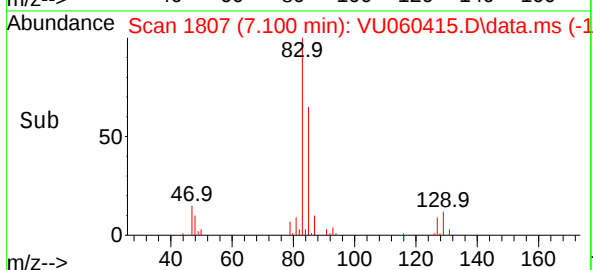
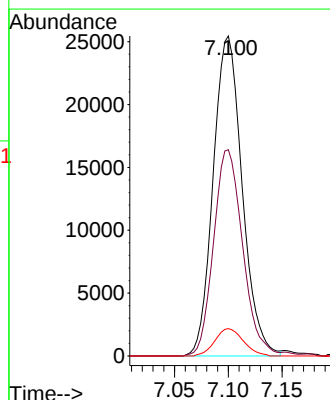
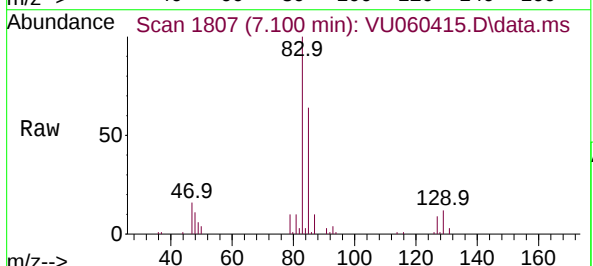
Instrument :
MSVOA_U
ClientSampleId :

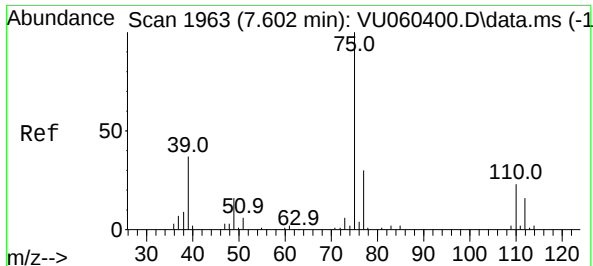
Tgt Ion: 63 Resp: 37931
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 5.738 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Tgt Ion: 83 Resp: 47751
Ion Ratio Lower Upper
83 100
85 64.5 42.4 78.8
127 8.6 7.0 10.4

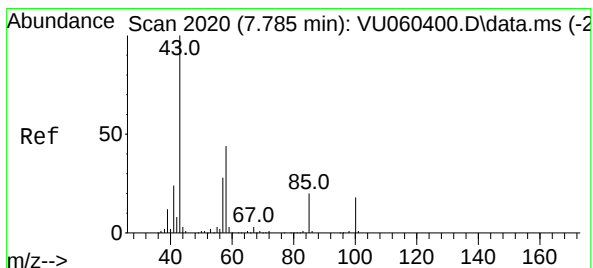
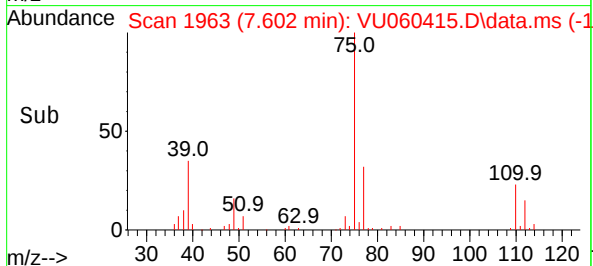
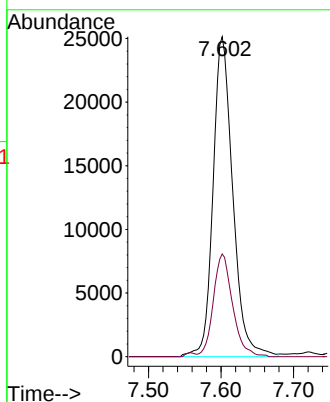
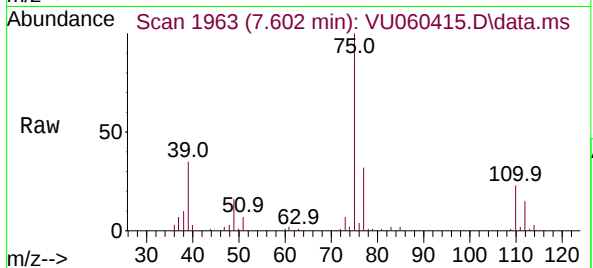




#39
 cis-1,3-Dichloropropene
 Concen: 5.200 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU060415.D
 Acq: 13 Aug 2024 10:14

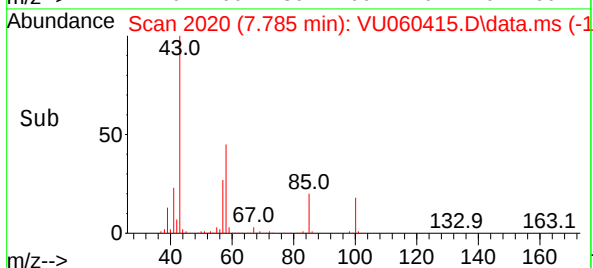
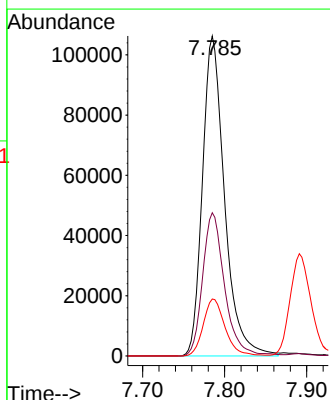
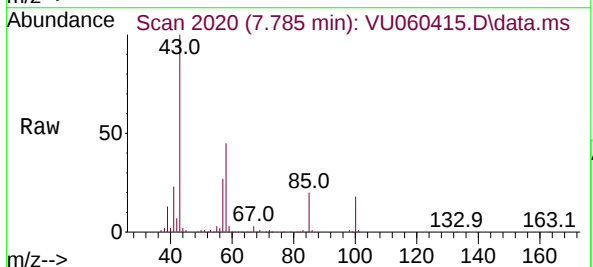
Instrument :
 MSVOA_U
 ClientSampleId :

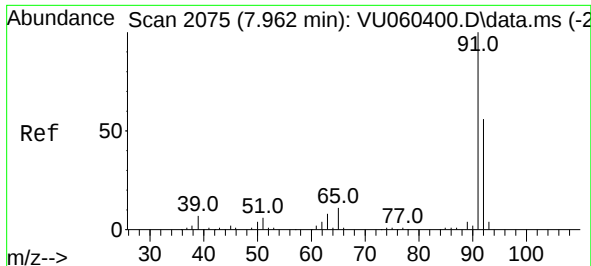
Tgt Ion: 75 Resp: 47559
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 63.215 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060415.D
 Acq: 13 Aug 2024 10:14

Tgt Ion: 43 Resp: 198678
 Ion Ratio Lower Upper
 43 100
 58 44.5 36.6 55.0
 100 17.6 14.1 21.1





#42

Toluene

Concen: 5.523 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

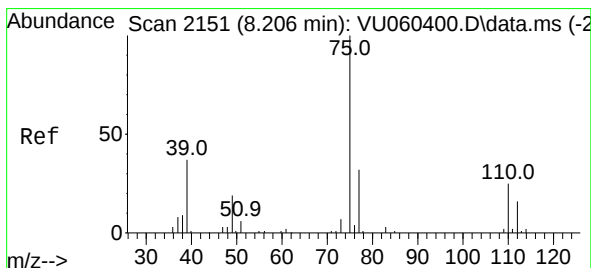
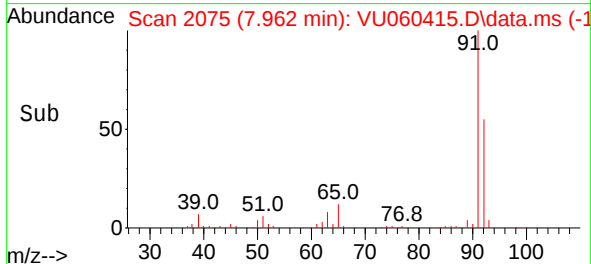
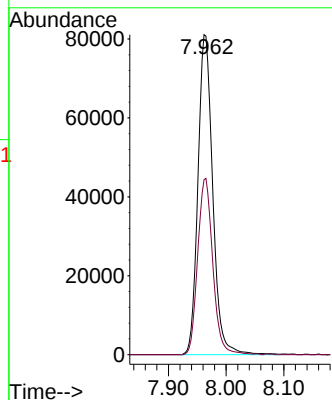
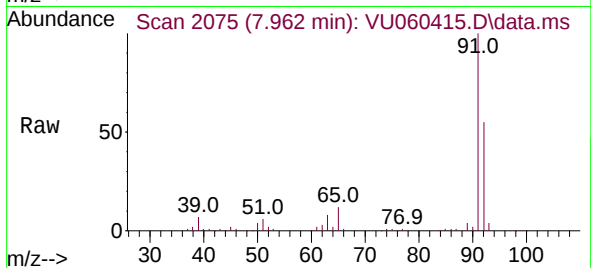
ClientSampleId :

Tgt Ion: 91 Resp: 144389

Ion Ratio Lower Upper

91 100

92 54.7 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.351 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060415.D

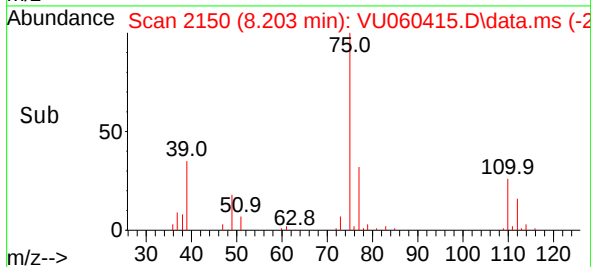
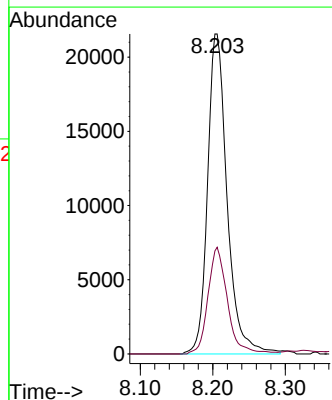
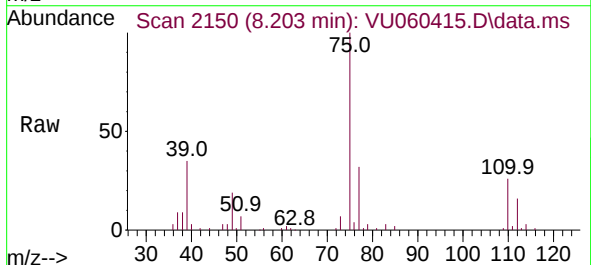
Acq: 13 Aug 2024 10:14

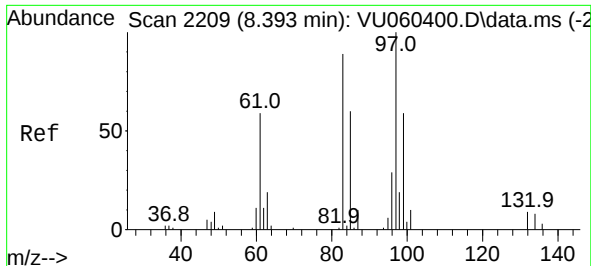
Tgt Ion: 75 Resp: 40426

Ion Ratio Lower Upper

75 100

77 32.2 25.0 46.4

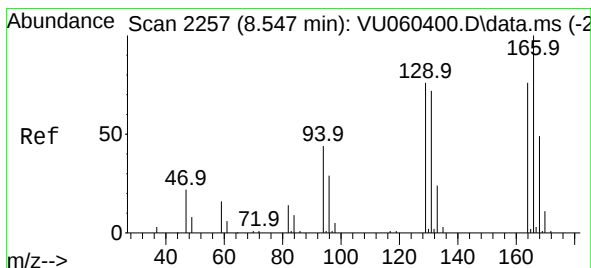
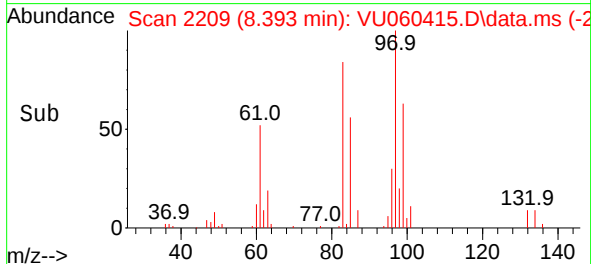
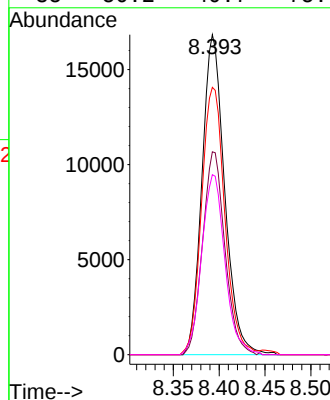
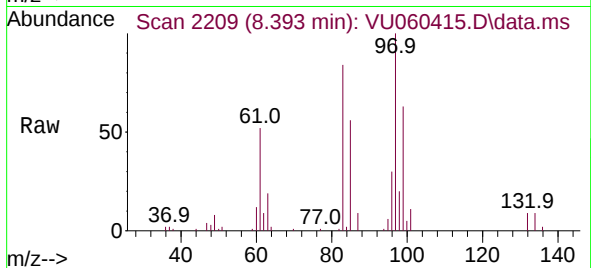




#45
1,1,2-Trichloroethane
Concen: 5.623 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

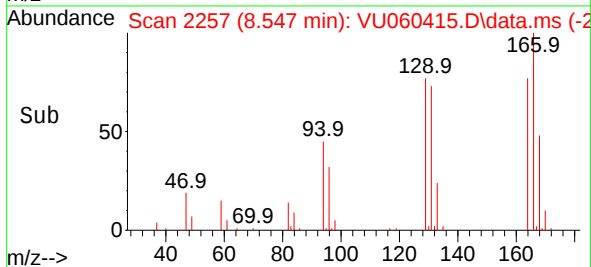
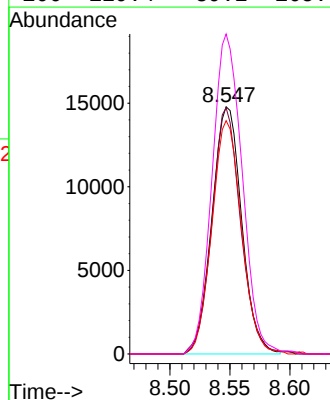
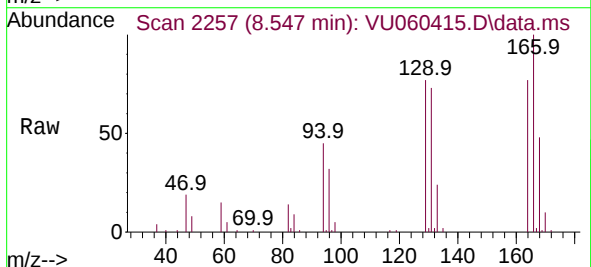
Instrument :
MSVOA_U
ClientSampleId :

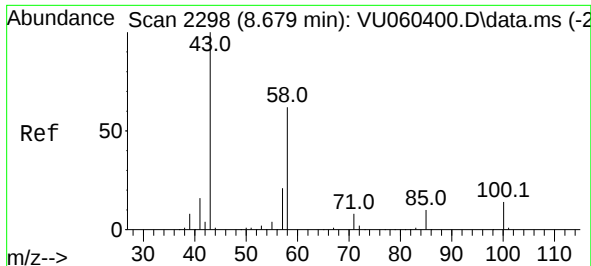
Tgt Ion: 97	Resp: 28993
Ion Ratio	Lower Upper
97 100	
99 63.4	45.8 85.0
83 83.6	61.7 114.5
85 56.2	40.7 75.7



#47
Tetrachloroethene
Concen: 5.028 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Tgt Ion:164	Resp: 25467
Ion Ratio	Lower Upper
164 100	
129 99.6	69.0 128.1
131 94.4	62.6 116.3
166 129.4	89.2 165.8





#48

2-Hexanone

Concen: 61.441 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

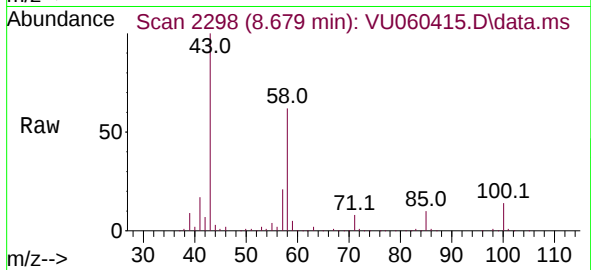
Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 146386

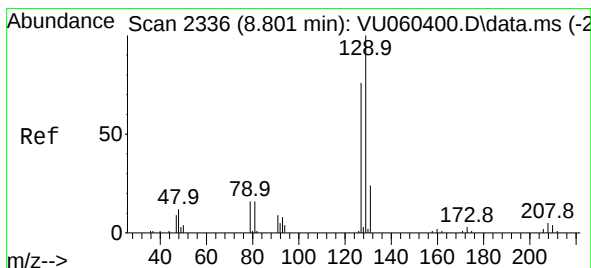
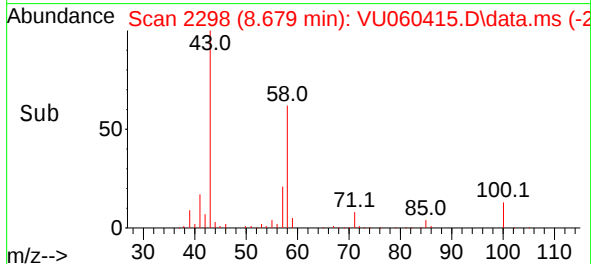
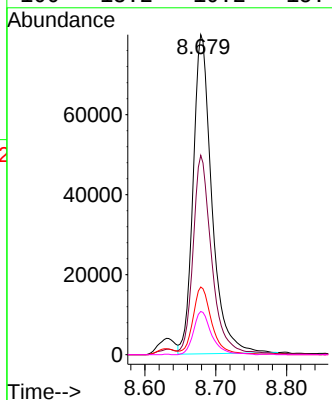
Ion Ratio Lower Upper

43 100

58 61.7 50.9 76.3

57 20.9 17.4 26.0

100 13.2 10.2 15.4



#49

Dibromochloromethane

Concen: 5.987 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU060415.D

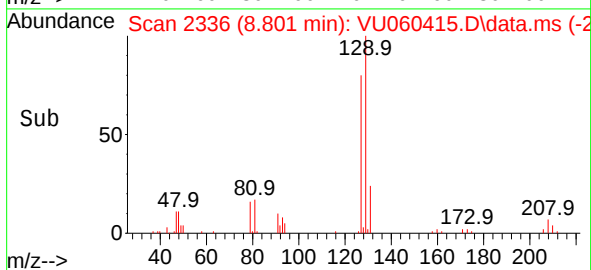
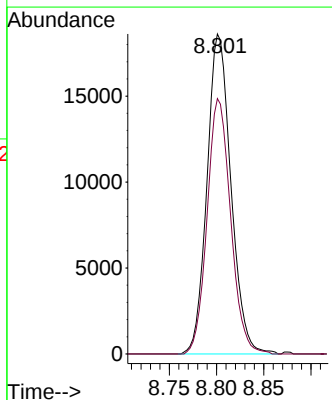
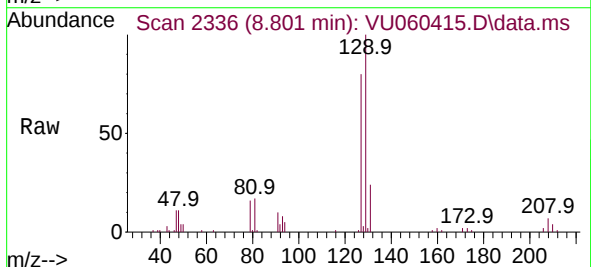
Acq: 13 Aug 2024 10:14

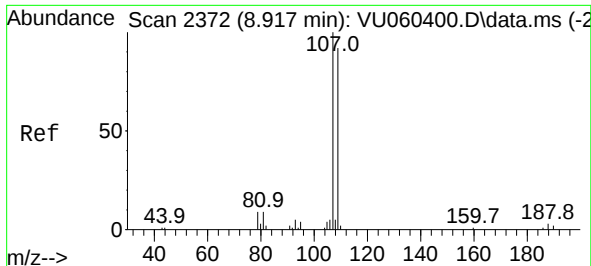
Tgt Ion: 129 Resp: 32828

Ion Ratio Lower Upper

129 100

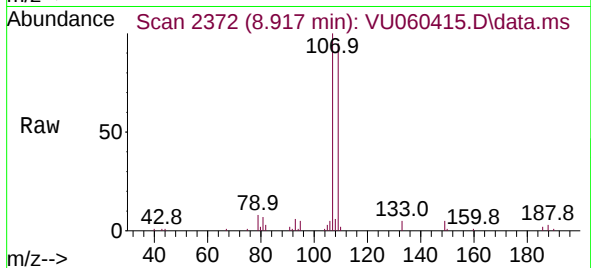
127 79.8 51.9 96.3



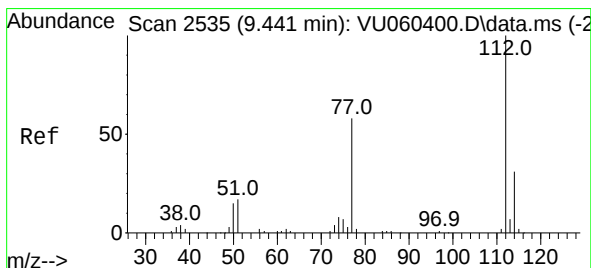
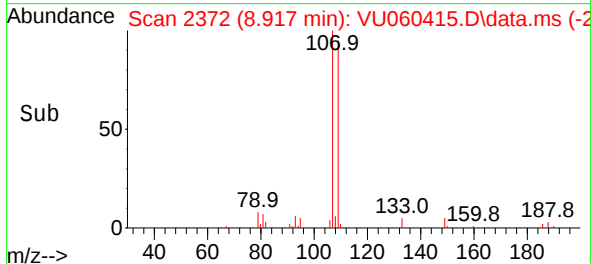
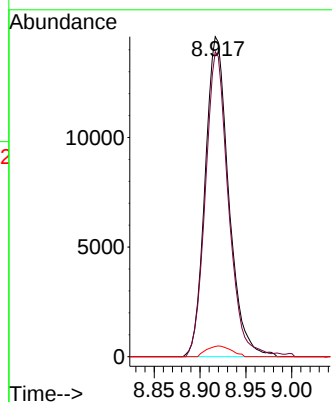


#50
1,2-Dibromoethane
Concen: 5.685 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Instrument :
MSVOA_U
ClientSampleId :

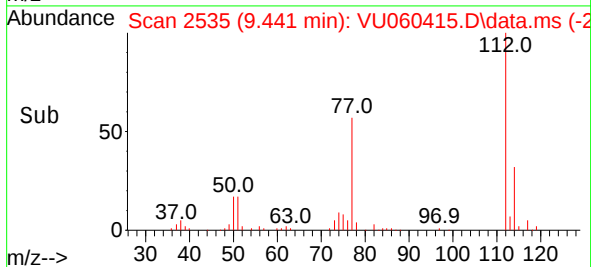
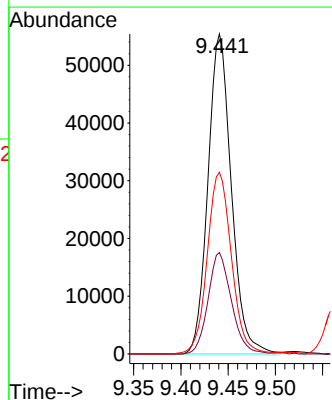
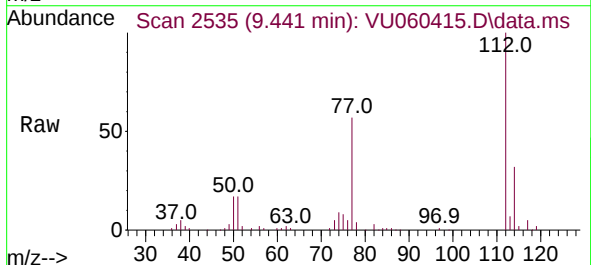


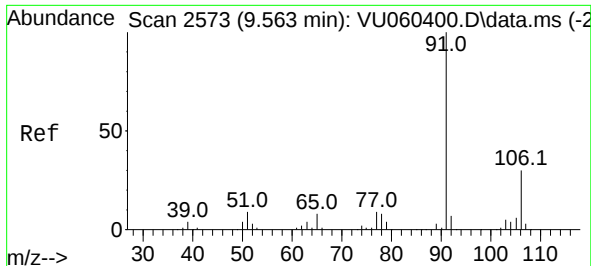
Tgt Ion:107 Resp: 26095
Ion Ratio Lower Upper
107 100
109 95.3 64.8 120.3
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 5.407 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Tgt Ion:112 Resp: 95354
Ion Ratio Lower Upper
112 100
114 31.7 21.3 39.5
77 56.8 44.6 67.0

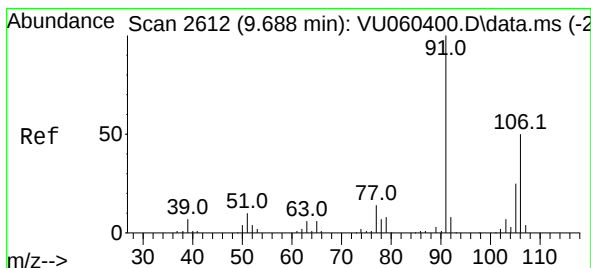
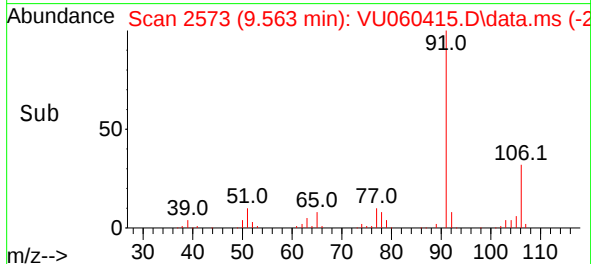
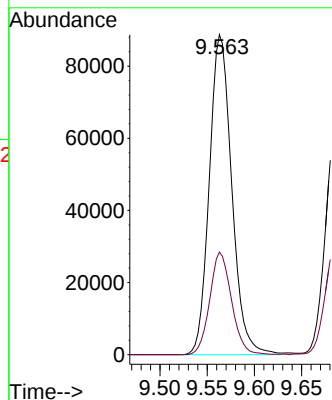
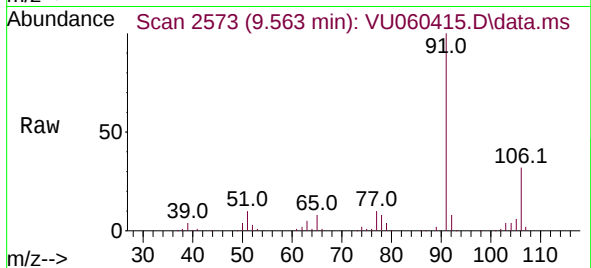




#52
Ethylbenzene
Concen: 5.321 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

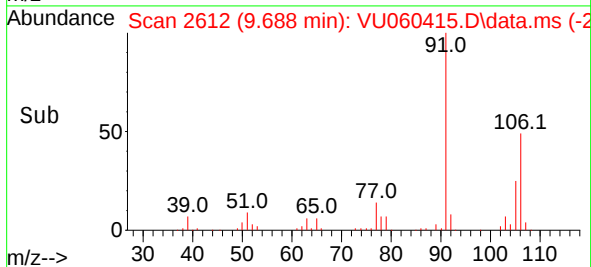
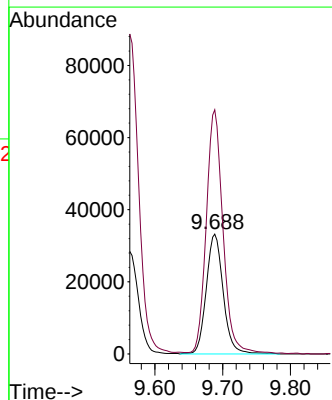
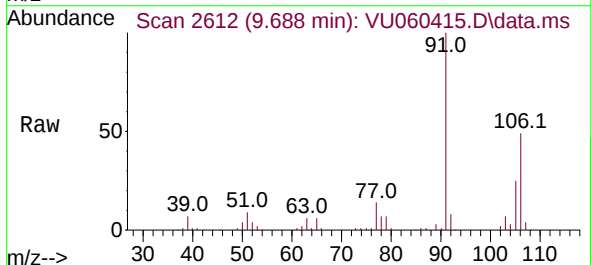
Instrument :
MSVOA_U
ClientSampleId :

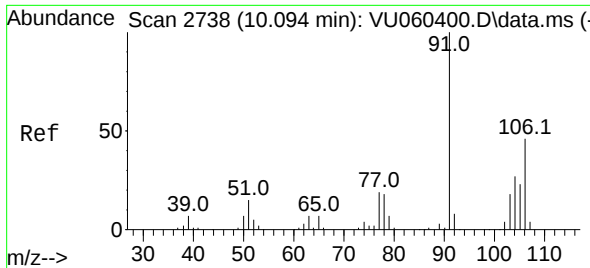
Tgt Ion: 91 Resp: 146541
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.2



#53
m,p-Xylene
Concen: 5.531 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Tgt Ion:106 Resp: 57889
Ion Ratio Lower Upper
106 100
91 203.8 143.2 266.0

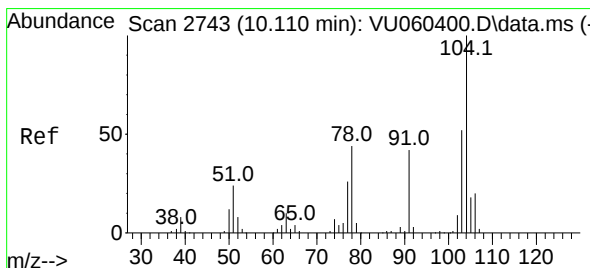
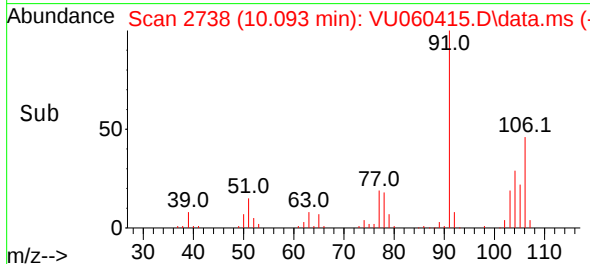
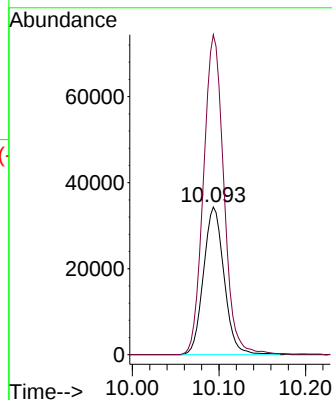
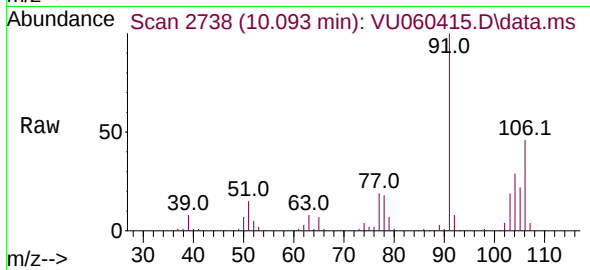




#54
o-Xylene
Concen: 5.666 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

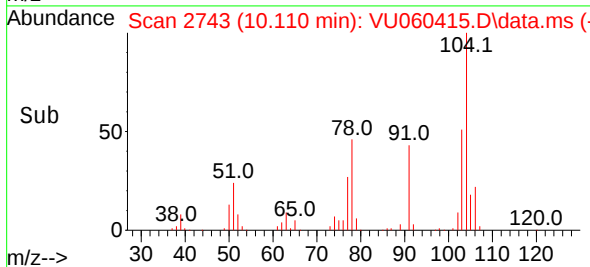
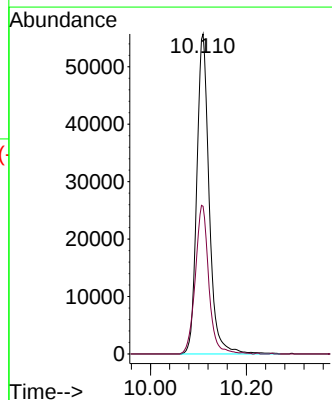
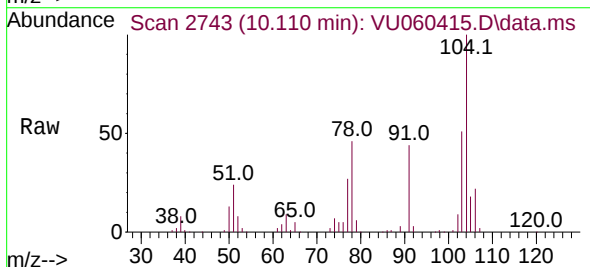
Instrument :
MSVOA_U
ClientSampleId :

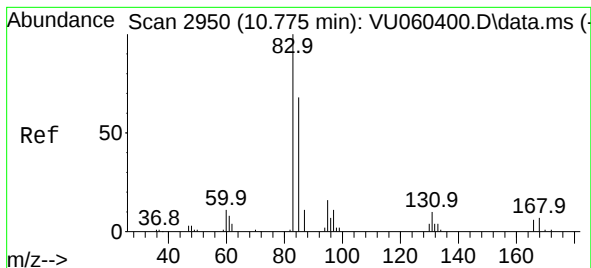
Tgt Ion:106 Resp: 56749
Ion Ratio Lower Upper
106 100
91 216.7 150.2 279.0



#55
Styrene
Concen: 5.766 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Tgt Ion:104 Resp: 99928
Ion Ratio Lower Upper
104 100
78 46.2 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.845 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

ClientSampleId :

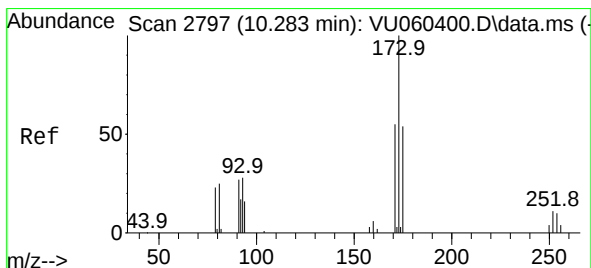
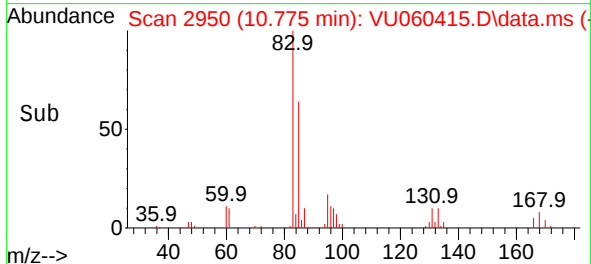
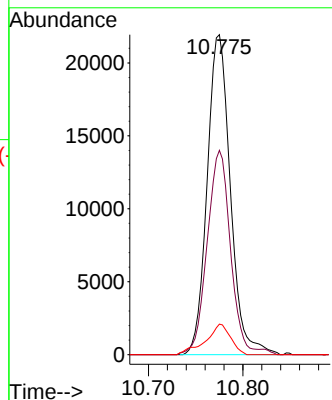
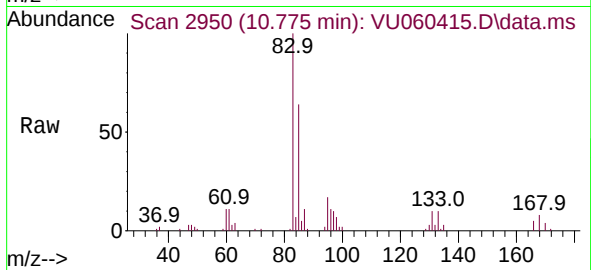
Tgt Ion: 83 Resp: 37476

Ion Ratio Lower Upper

83 100

85 63.9 46.1 85.5

131 9.5 7.6 11.4



#59

Bromoform

Concen: 5.819 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

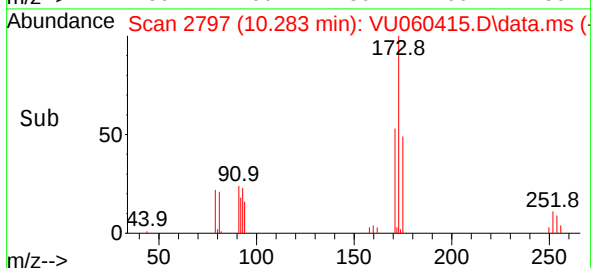
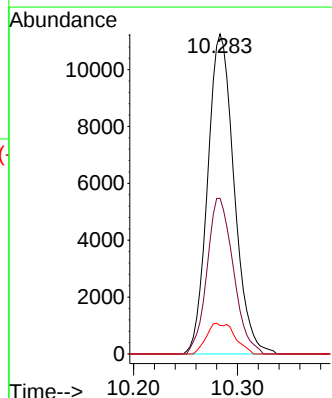
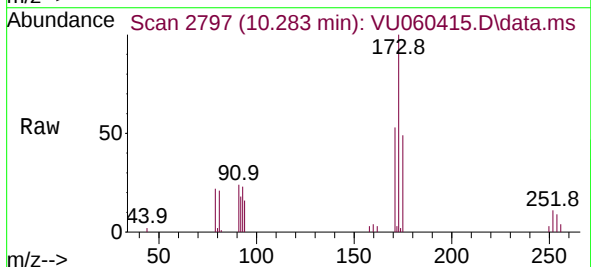
Tgt Ion: 173 Resp: 19842

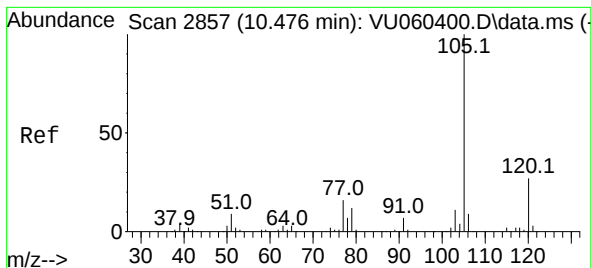
Ion Ratio Lower Upper

173 100

175 48.6 39.7 59.5

254 10.3 8.2 12.4





#60

Isopropylbenzene

Concen: 5.466 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

ClientSampleId :

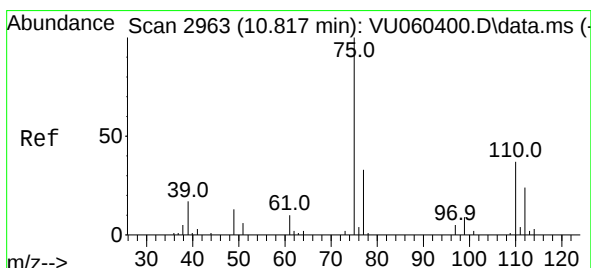
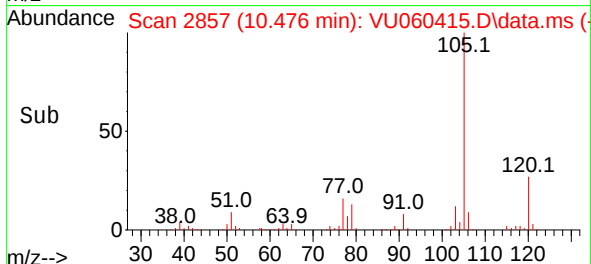
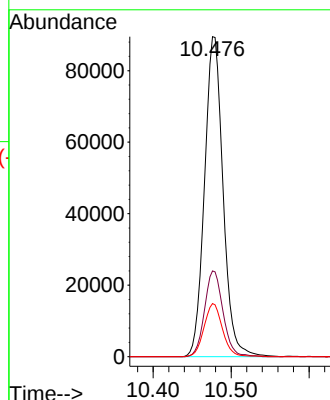
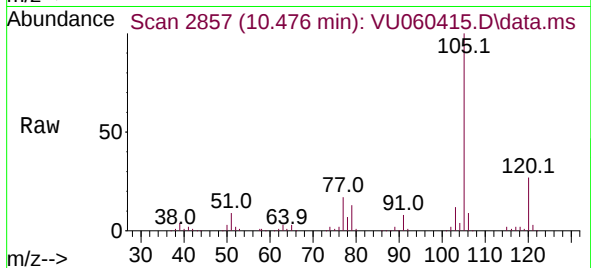
Tgt Ion:105 Resp: 148193

Ion Ratio Lower Upper

105 100

120 26.7 21.0 31.6

77 16.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.930 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

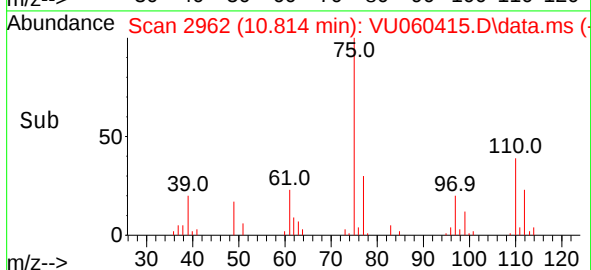
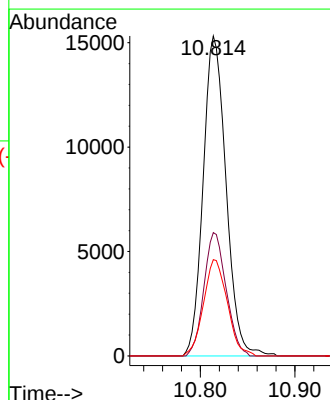
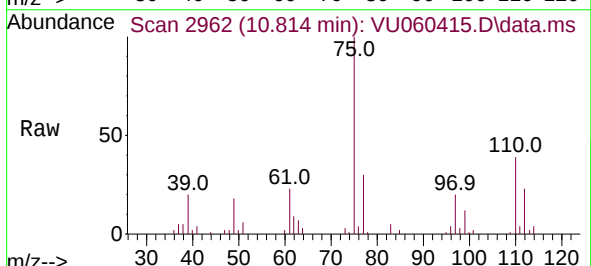
Tgt Ion: 75 Resp: 25779

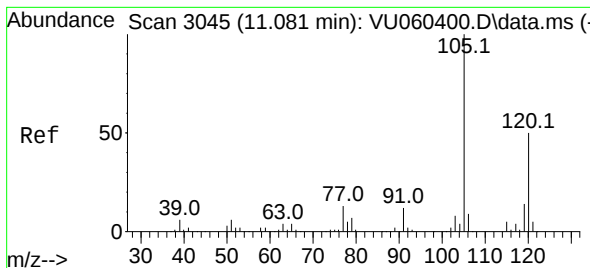
Ion Ratio Lower Upper

75 100

110 37.5 29.9 44.9

77 31.3 27.0 40.6





#62

1,3,5-Trimethylbenzene

Concen: 5.501 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

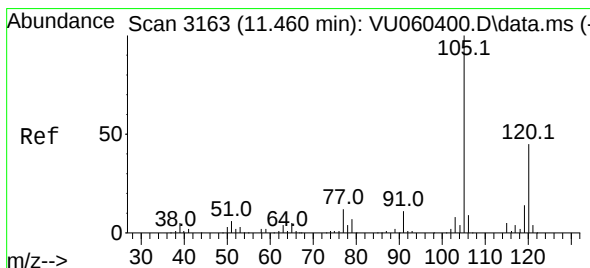
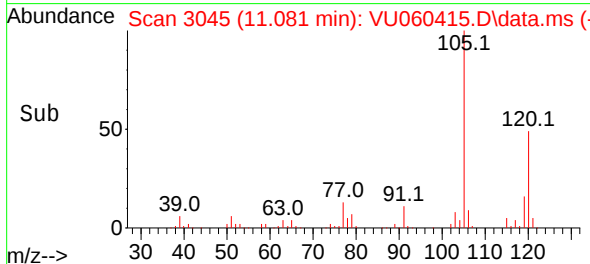
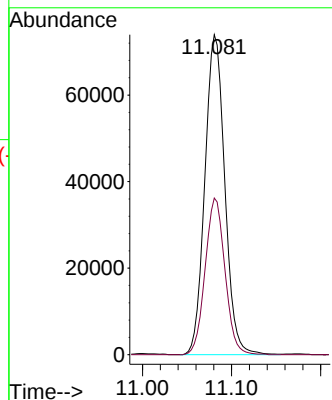
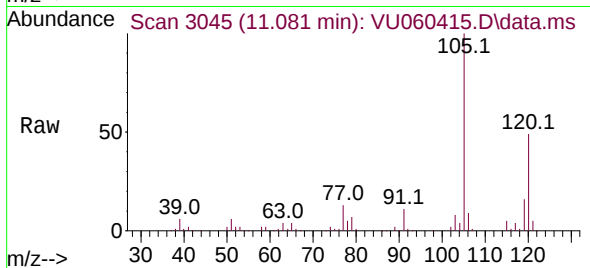
ClientSampleId :

Tgt Ion:105 Resp: 114835

Ion Ratio Lower Upper

105 100

120 48.6 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 5.624 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU060415.D

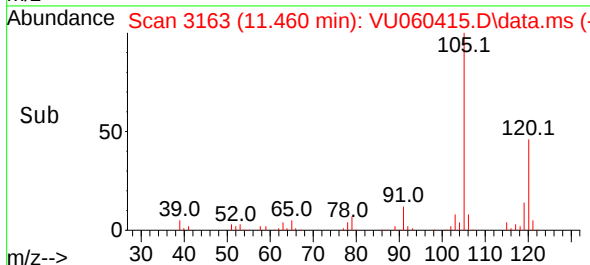
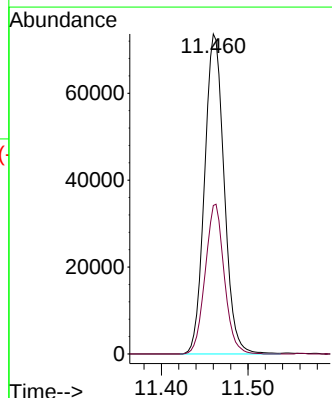
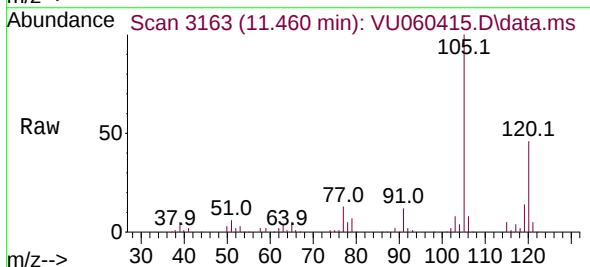
Acq: 13 Aug 2024 10:14

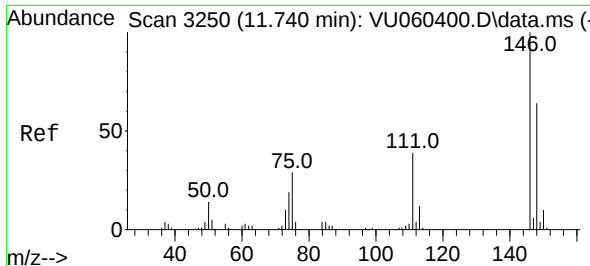
Tgt Ion:105 Resp: 115692

Ion Ratio Lower Upper

105 100

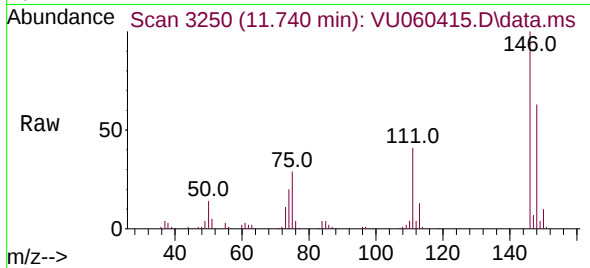
120 45.6 36.1 54.1



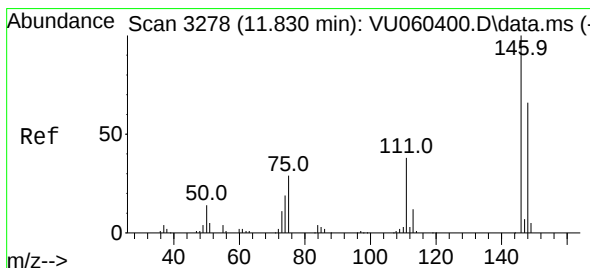
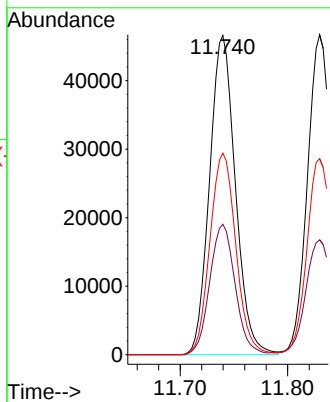
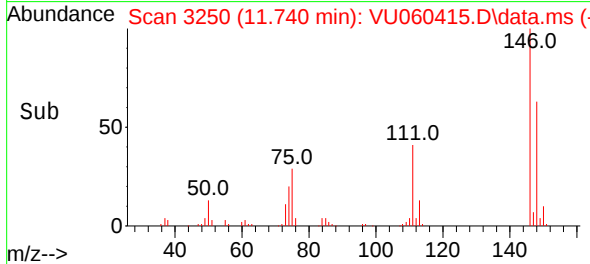


#64
1,3-Dichlorobenzene
Concen: 5.623 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

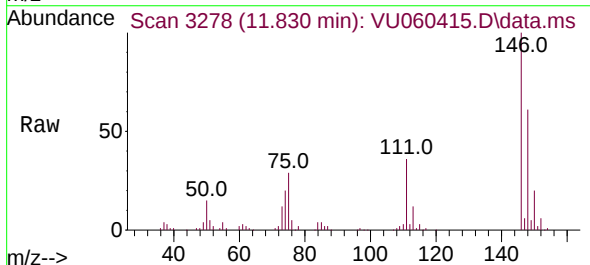
Instrument :
MSVOA_U
ClientSampleId :



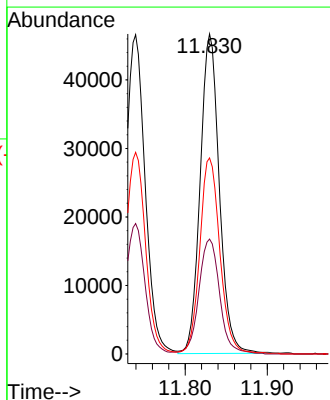
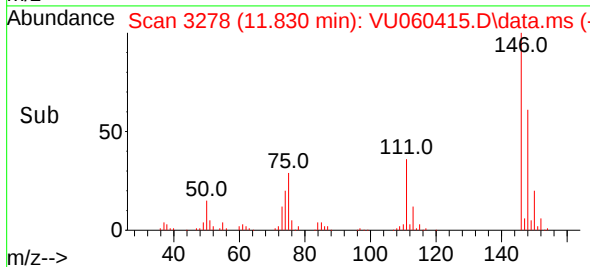
Tgt Ion:146 Resp: 77700
Ion Ratio Lower Upper
146 100
111 40.9 29.2 54.2
148 63.2 44.9 83.3

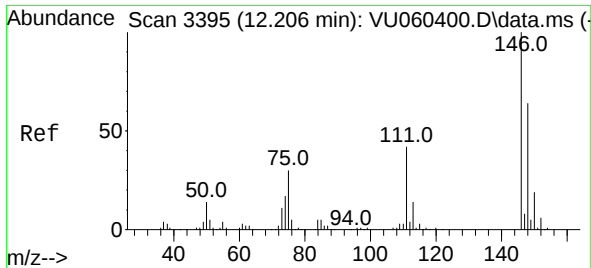


#65
1,4-Dichlorobenzene
Concen: 5.429 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14



Tgt Ion:146 Resp: 75616
Ion Ratio Lower Upper
146 100
111 35.9 25.8 48.0
148 61.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 5.534 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

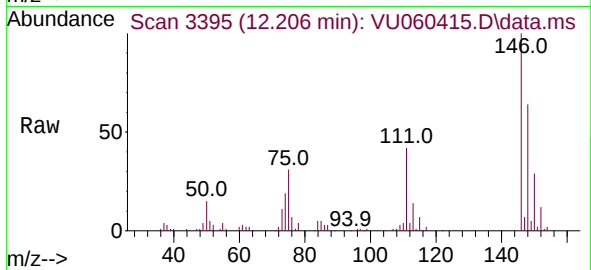
Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

ClientSampleId :



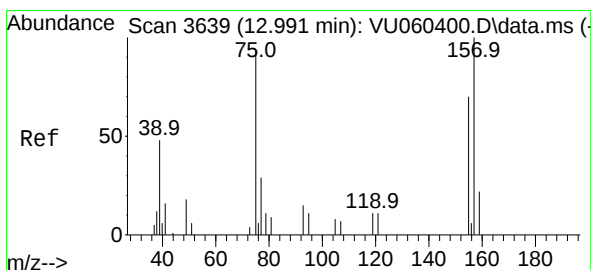
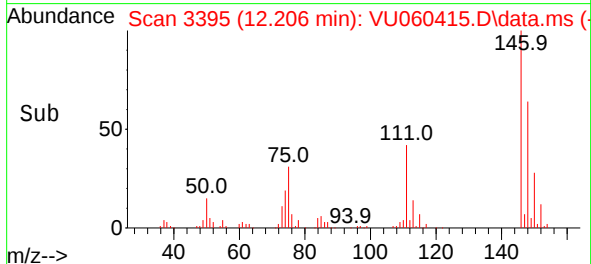
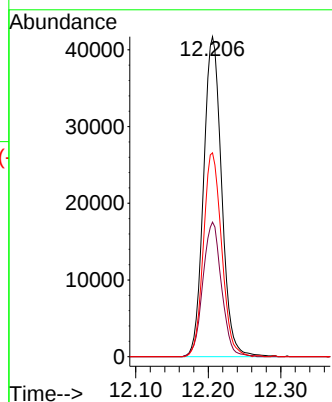
Tgt Ion:146 Resp: 72210

Ion Ratio Lower Upper

146 100

111 42.1 32.0 48.0

148 63.7 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 6.389 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

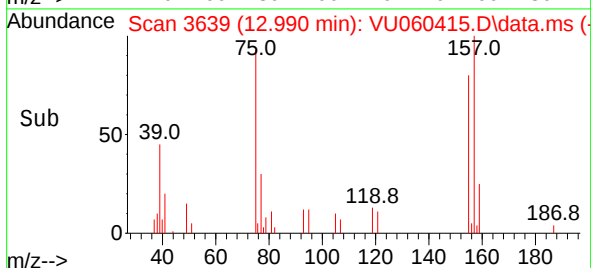
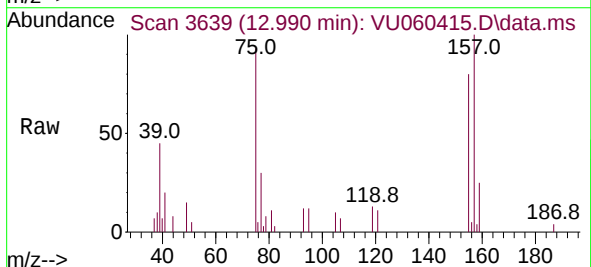
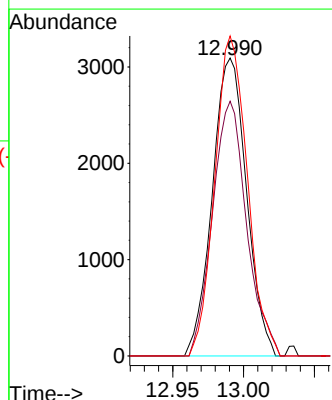
Tgt Ion: 75 Resp: 5207

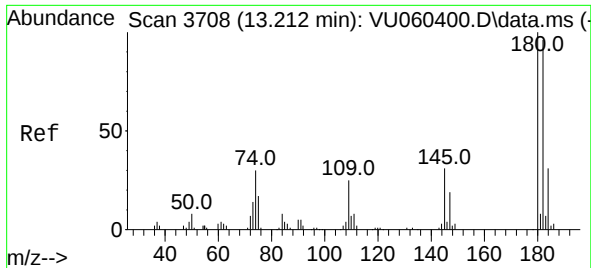
Ion Ratio Lower Upper

75 100

155 85.5 64.3 96.5

157 107.4 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 5.137 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

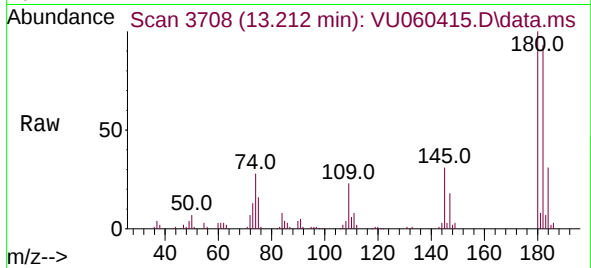
Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 53647

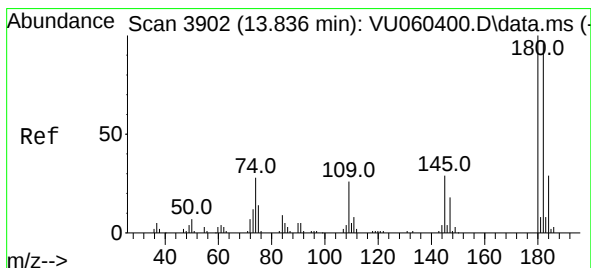
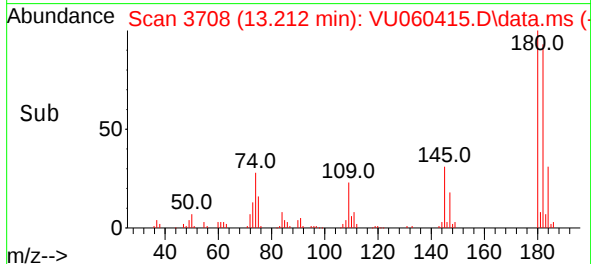
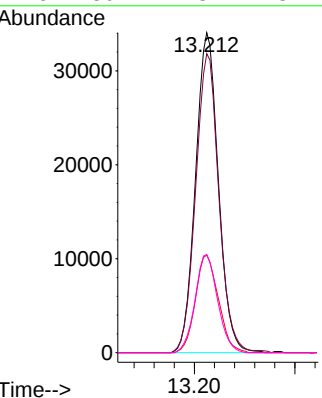
Ion Ratio Lower Upper

180 100

182 95.1 76.0 114.0

184 30.8 23.8 35.8

145 30.2 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.098 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060415.D

Acq: 13 Aug 2024 10:14

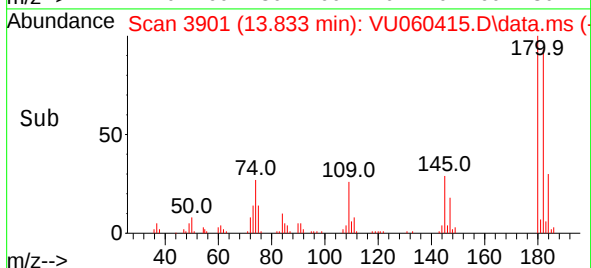
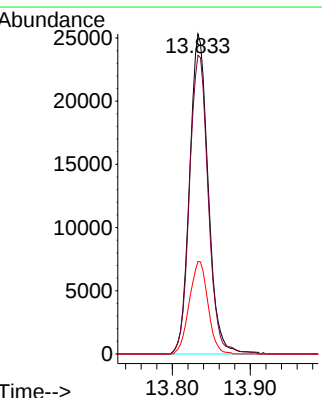
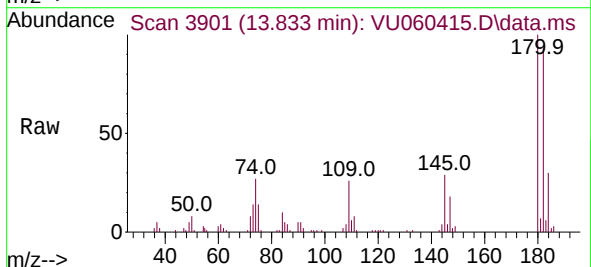
Tgt Ion:180 Resp: 41797

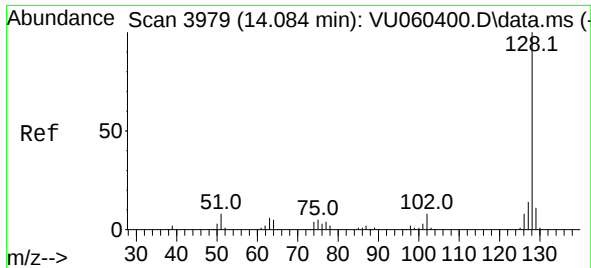
Ion Ratio Lower Upper

180 100

182 94.4 76.0 114.0

145 29.0 23.7 35.5

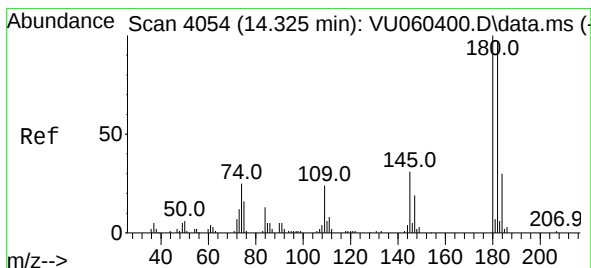
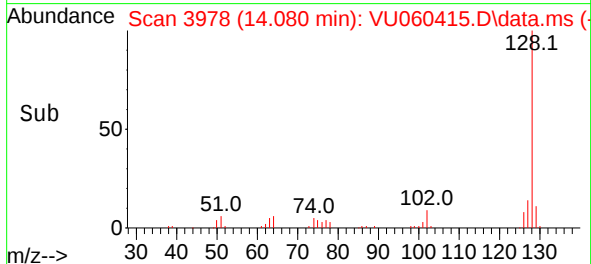
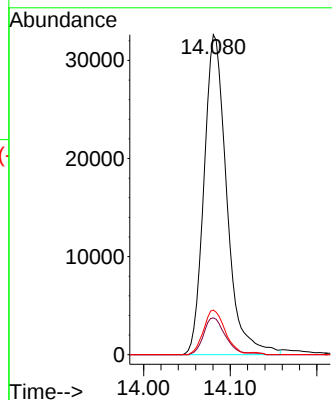
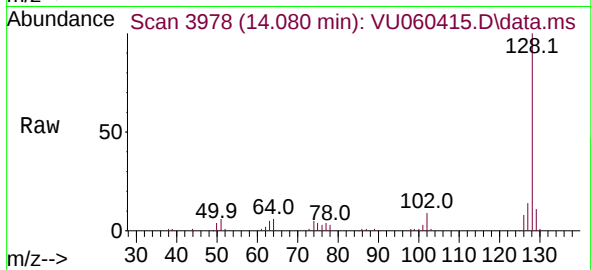




#71
Naphthalene
Concen: 5.110 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 59572
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.094 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU060415.D
Acq: 13 Aug 2024 10:14

Tgt Ion:180 Resp: 37417
Ion Ratio Lower Upper
180 100
182 93.3 75.7 113.5
145 31.1 23.7 35.5

