

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110422\
 Data File : VU051765.D
 Acq On : 04 Nov 2022 17:14
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.5mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 04 22:08:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 22:04:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	179023	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	195170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52135	3.867	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.912	69	49778	3.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.565	65	21497	4.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.620	46	177287	36.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.620%
24) Chloroform-d	5.063	84	132711	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.700	65	64642	3.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
32) Benzene-d6	5.726	84	231554	3.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.690	67	80118	3.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.400%
41) Toluene-d8	7.896	98	209322	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.179	79	27261	4.140	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.629	63	150201	37.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.780%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	80125	4.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	84076	4.004	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	110278	5.633	ug/L	100
3) Chloromethane	1.526	50	109017	4.417	ug/L	100
5) Vinyl chloride	1.604	62	128063	5.417	ug/L	# 71
6) Bromomethane	1.854	94	60832	5.427	ug/L	99
8) Chloroethane	1.932	64	75507	5.260	ug/L	95
9) Trichlorofluoromethane	2.137	101	149851	5.774	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	91804	6.017	ug/L	97
12) 1,1-Dichloroethene	2.578	96	86160	5.536	ug/L	95
13) Acetone	2.623	43	132447	53.458	ug/L	98
14) Carbon disulfide	2.790	76	261550	5.213	ug/L	100
15) Methyl Acetate	2.948	43	35119	5.414	ug/L	98
16) Methylene chloride	3.044	84	124379	4.879	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	184095	5.159	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	88243	5.283	ug/L	98
19) 1,1-Dichloroethane	3.867	63	175031	5.681	ug/L	98
21) 2-Butanone	4.700	43	209844	54.085	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	98326	5.320	ug/L	97
23) Bromochloromethane	4.973	128	46615	5.394	ug/L	97
25) Chloroform	5.086	83	177969	5.568	ug/L	98

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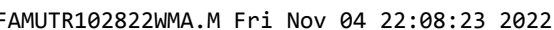
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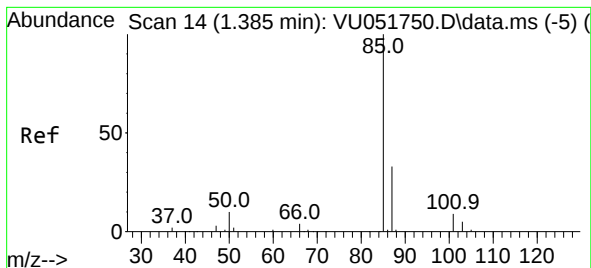
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	105380	5.358	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	140117	5.288	ug/L	100
30) Cyclohexane	5.385	56	122017	5.001	ug/L	99
31) Carbon tetrachloride	5.523	117	120637	5.323	ug/L	99
33) Benzene	5.771	78	396554	5.149	ug/L	100
34) Trichloroethene	6.539	95	94766	5.098	ug/L	98
35) Methylcyclohexane	6.761	83	129953	5.057	ug/L	96
37) 1,2-Dichloropropane	6.790	63	104382	5.269	ug/L	99
38) Bromodichloromethane	7.105	83	124817	5.158	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	125442	4.936	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	510582	51.386	ug/L	100
42) Toluene	7.967	91	419197	5.300	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	108938	5.129	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	74155	5.108	ug/L	98
47) Tetrachloroethene	8.552	164	73709	5.178	ug/L	90
48) 2-Hexanone	8.680	43	381899	51.925	ug/L	100
49) Dibromochloromethane	8.806	129	84748	5.110	ug/L	99
50) 1,2-Dibromoethane	8.922	107	68613	5.239	ug/L	99
51) Chlorobenzene	9.446	112	260569	5.234	ug/L	99
52) Ethylbenzene	9.568	91	402725	5.277	ug/L	98
53) m,p-Xylene	9.693	106	164439	5.547	ug/L	100
54) o-Xylene	10.098	106	153948	5.314	ug/L	99
55) Styrene	10.111	104	273300	5.642	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	95517	5.307	ug/L	100
59) Bromoform	10.288	173	48217	4.561	ug/L	97
60) Isopropylbenzene	10.481	105	407267	4.876	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	64957	4.391	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	99971	4.446	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	289993	4.473	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	208274	5.009	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	204984	4.917	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	193206	4.770	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	13014	4.272	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	145803	4.920	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	110739	4.867	ug/L	98
71) Naphthalene	14.085	128	170204	4.007	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	105725	4.602	ug/L	99

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

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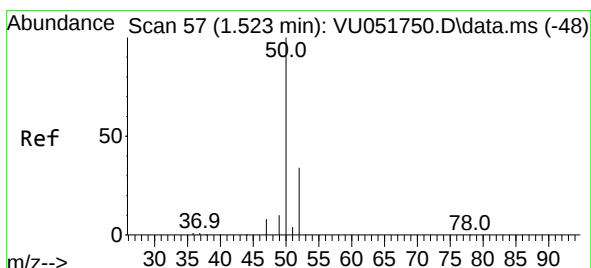
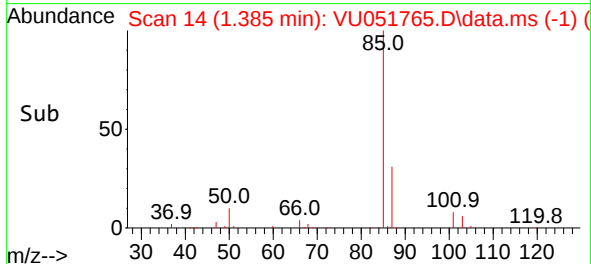
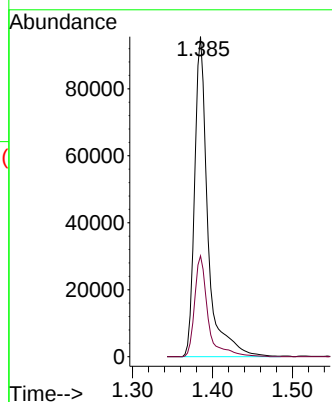
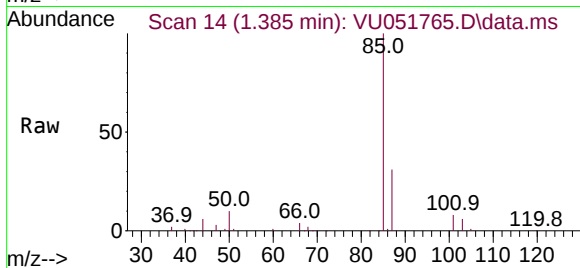




#2
Dichlorodifluoromethane
Concen: 5.633 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

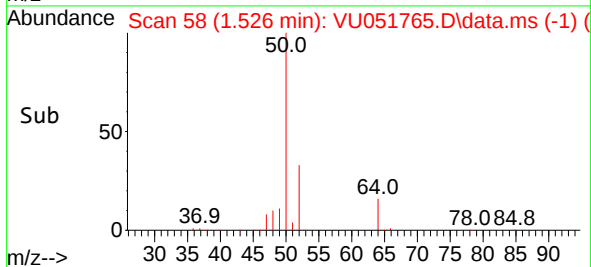
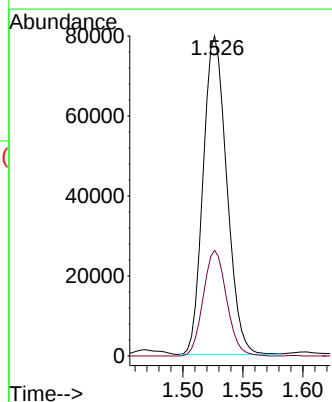
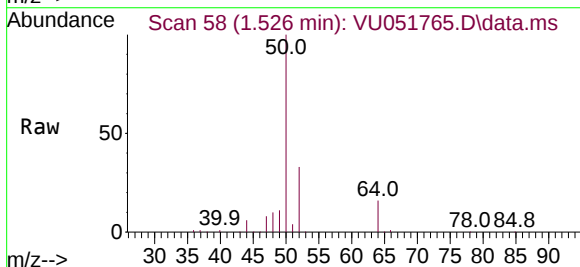
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MSVOA_U
ClientSampleId :

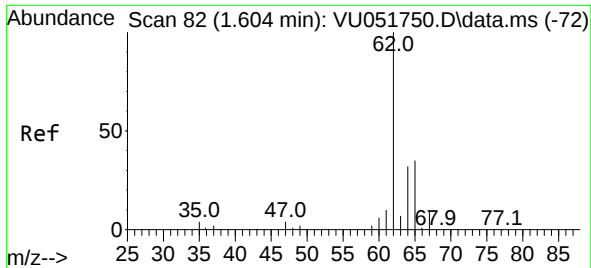
Tgt Ion: 85 Resp: 110278
Ion Ratio Lower Upper
85 100
87 31.9 25.7 38.5



#3
Chloromethane
Concen: 4.417 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion: 50 Resp: 109017
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

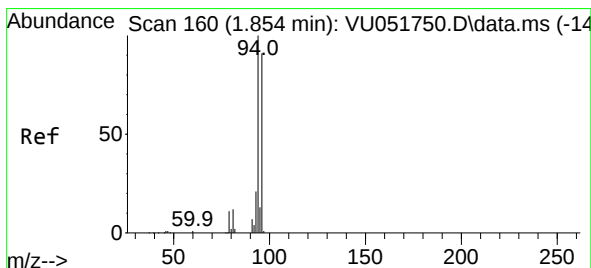
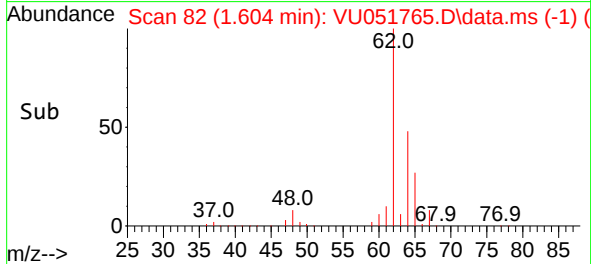
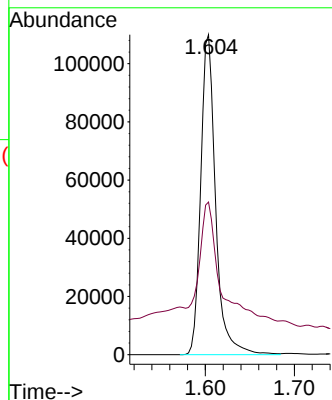
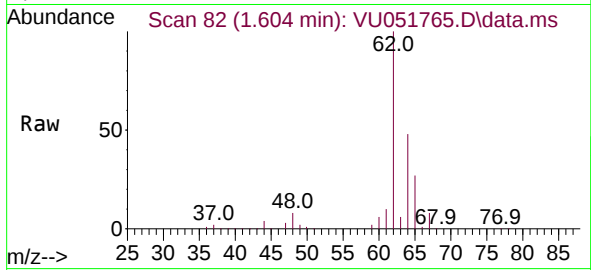




#5
 Vinyl chloride
 Concen: 5.417 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051765.D
 Acq: 04 Nov 2022 17:14

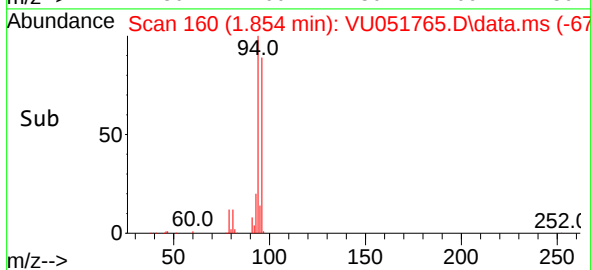
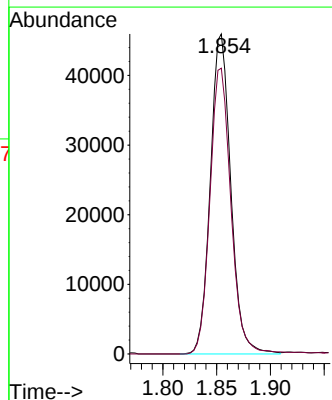
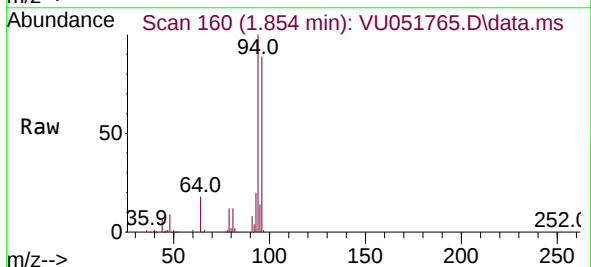
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 ClientSampleId :

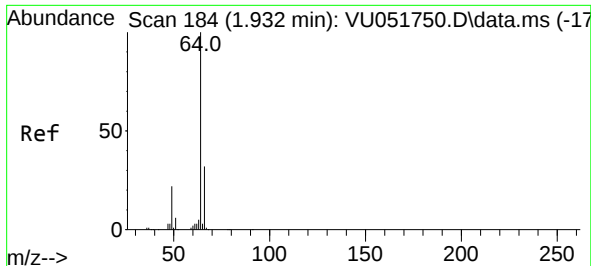
Tgt Ion: 62 Resp: 128063
 Ion Ratio Lower Upper
 62 100
 64 47.7 22.1 41.1#



#6
 Bromomethane
 Concen: 5.427 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU051765.D
 Acq: 04 Nov 2022 17:14

Tgt Ion: 94 Resp: 60832
 Ion Ratio Lower Upper
 94 100
 96 89.3 63.2 117.4

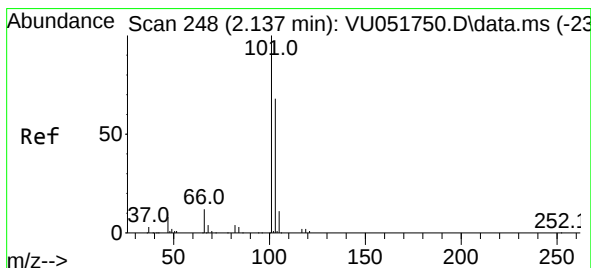
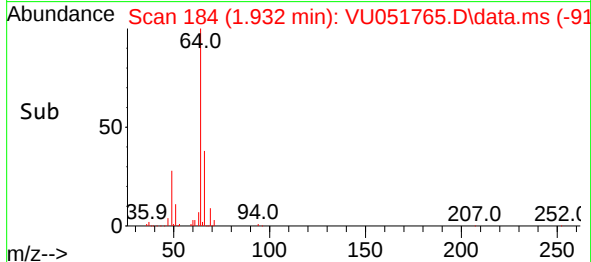
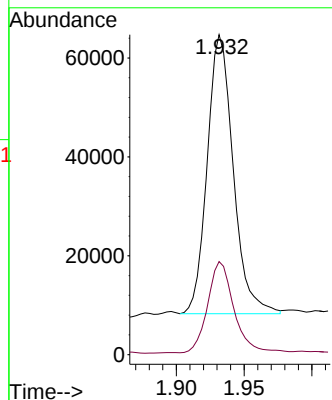
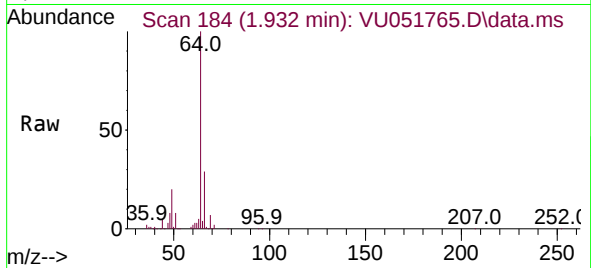




#8
Chloroethane
Concen: 5.260 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

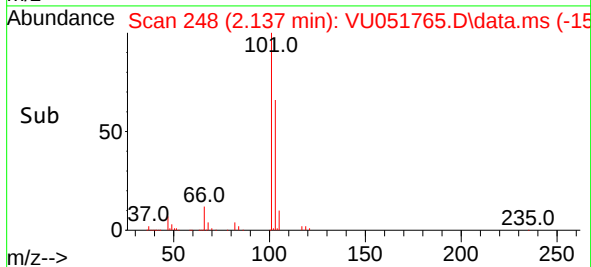
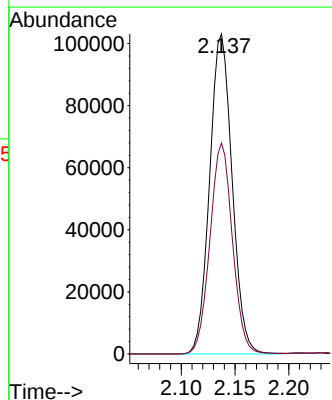
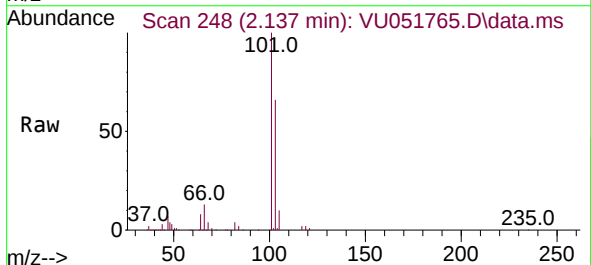
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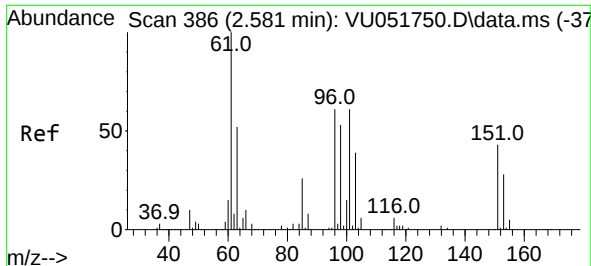
Tgt Ion: 64 Resp: 75507
Ion Ratio Lower Upper
64 100
66 29.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.774 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion: 101 Resp: 149851
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.6

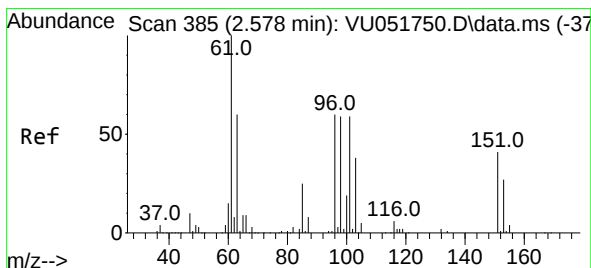
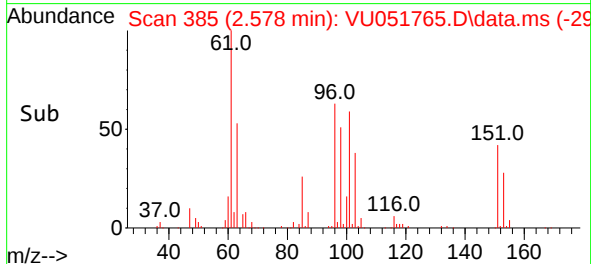
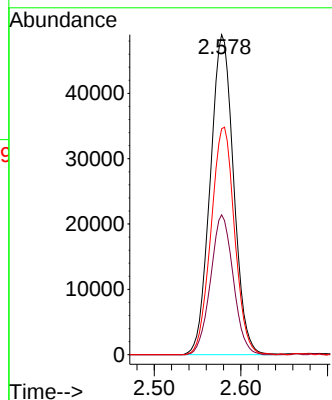
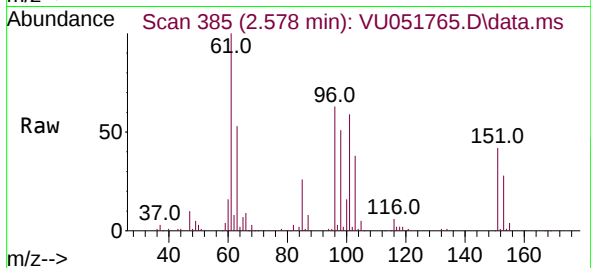




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.017 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

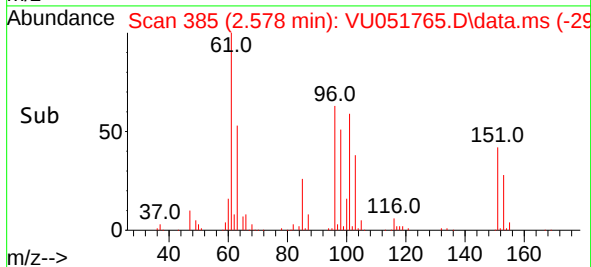
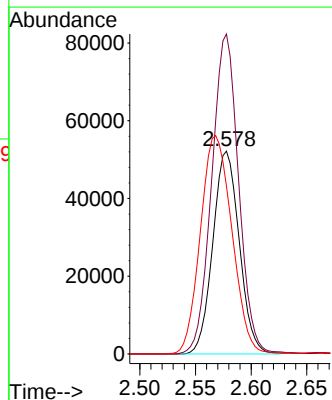
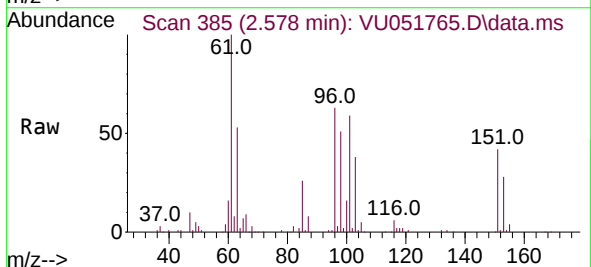
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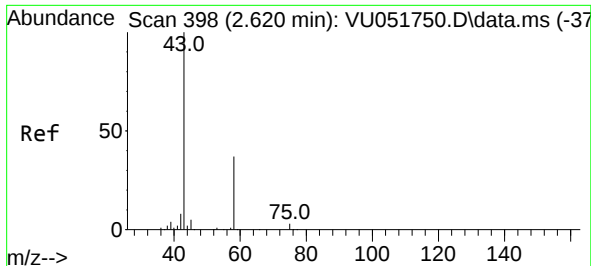
Tgt Ion:101 Resp: 91804
Ion Ratio Lower Upper
101 100
85 42.3 35.6 53.4
151 71.8 59.6 89.4



#12
1,1-Dichloroethene
Concen: 5.536 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion: 96 Resp: 86160
Ion Ratio Lower Upper
96 100
61 157.7 108.8 202.0
63 82.8 64.9 120.5





#13

Acetone

Concen: 53.458 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

Instrument :

MSVOA_U

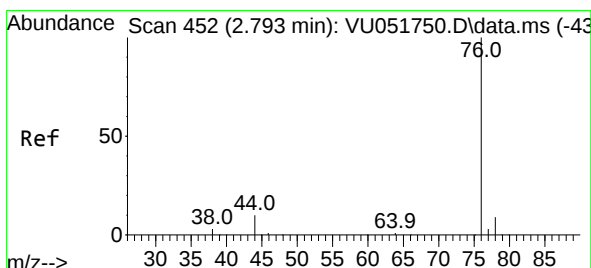
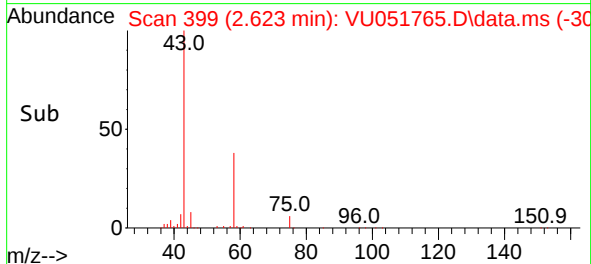
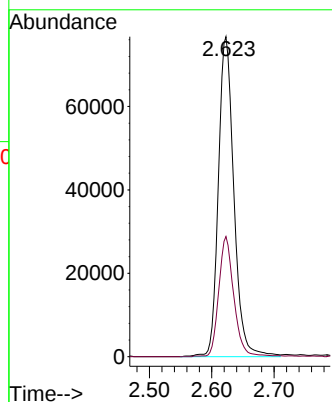
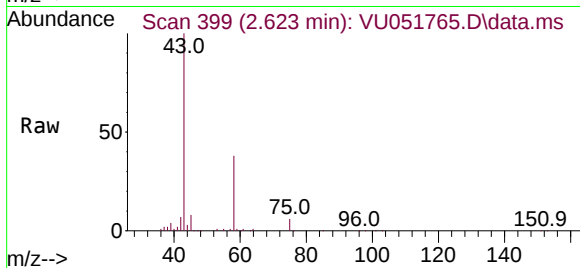
ClientSampleId :

Tgt Ion: 43 Resp: 132447

Ion Ratio Lower Upper

43 100

58 35.6 0.0 73.8



#14

Carbon disulfide

Concen: 5.213 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051765.D

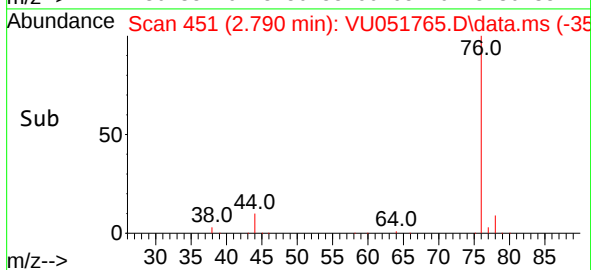
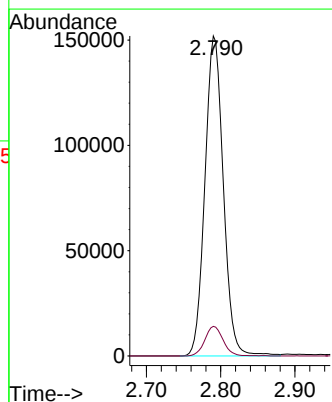
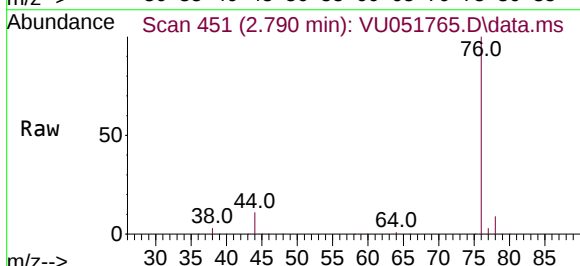
Acq: 04 Nov 2022 17:14

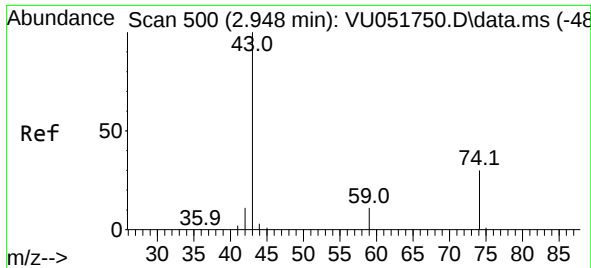
Tgt Ion: 76 Resp: 261550

Ion Ratio Lower Upper

76 100

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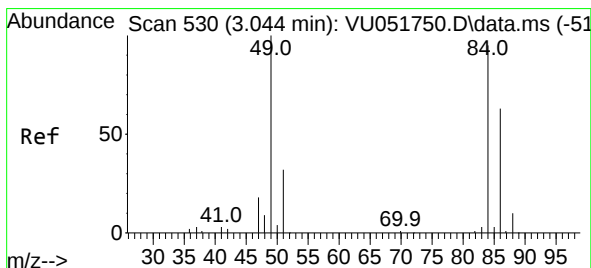
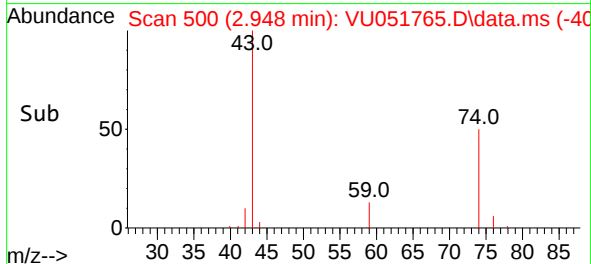
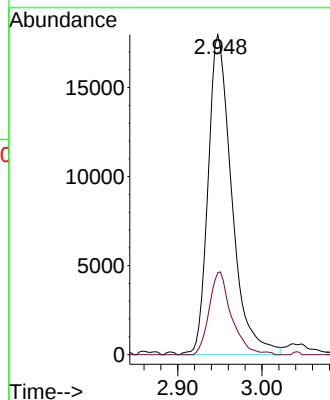
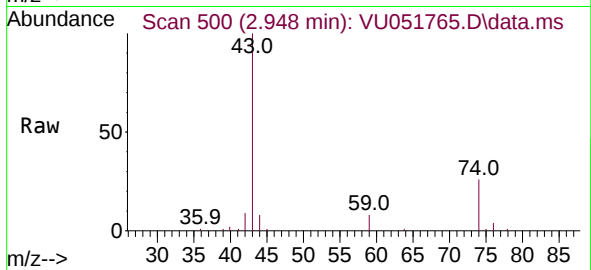




#15
Methyl Acetate
Concen: 5.414 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

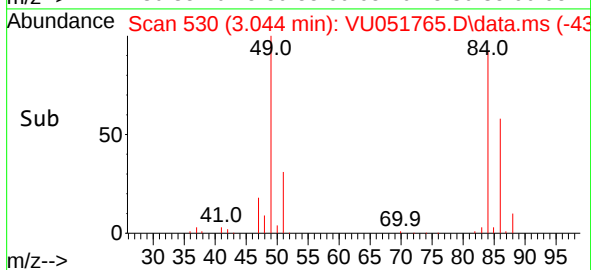
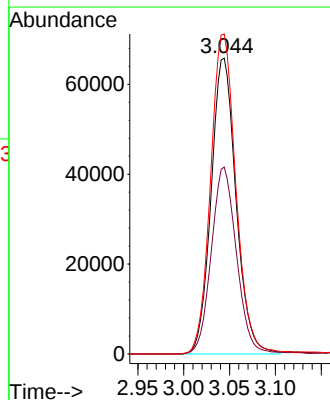
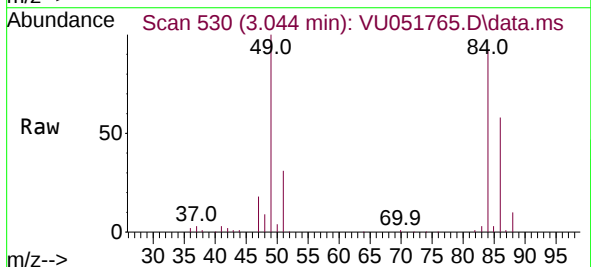
Instrument :
MSVOA_U
ClientSampleId :

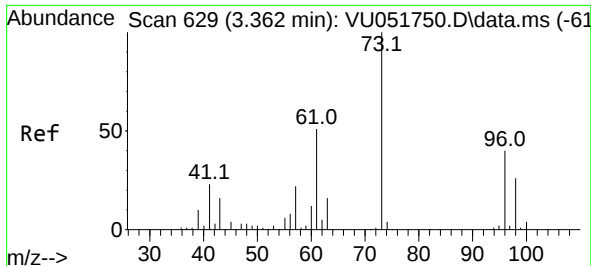
Tgt Ion: 43 Resp: 35119
Ion Ratio Lower Upper
43 100
74 24.1 20.2 30.4



#16
Methylene chloride
Concen: 4.879 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

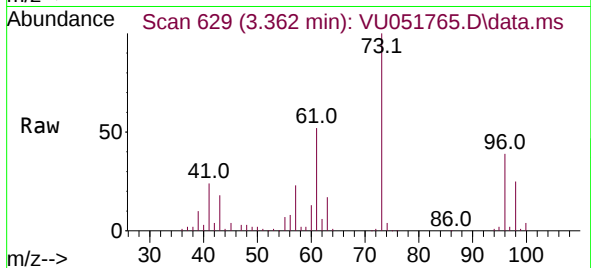
Tgt Ion: 84 Resp: 124379
Ion Ratio Lower Upper
84 100
86 63.2 46.3 85.9
49 108.2 76.0 141.2



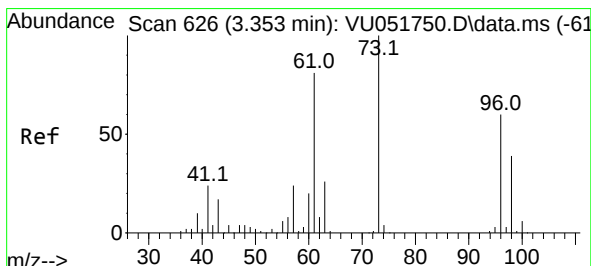
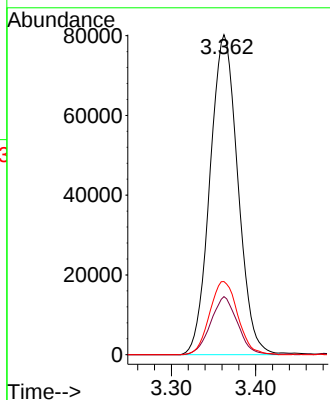
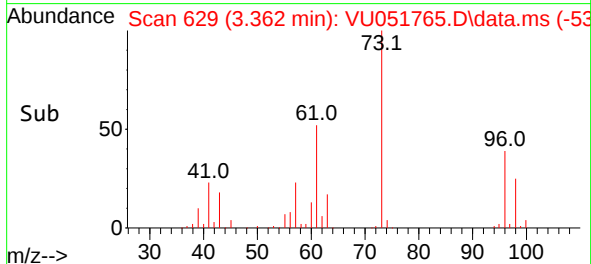


#17
Methyl tert-butyl Ether
Concen: 5.159 ug/L
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

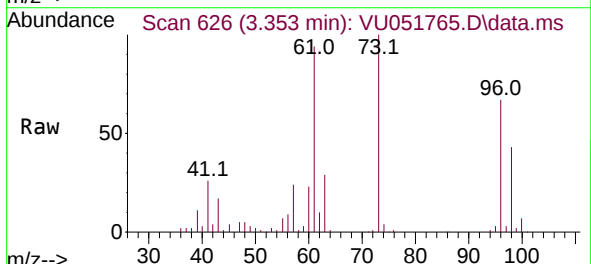
Instrument :
MSVOA_U
ClientSampleId :



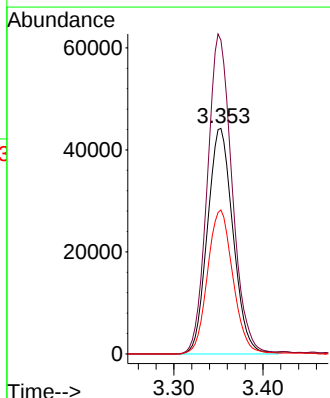
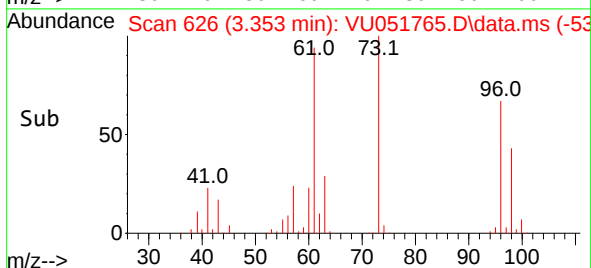
Tgt Ion: 73 Resp: 184095
Ion Ratio Lower Upper
73 100
43 17.5 13.6 20.4
57 23.1 17.5 26.3

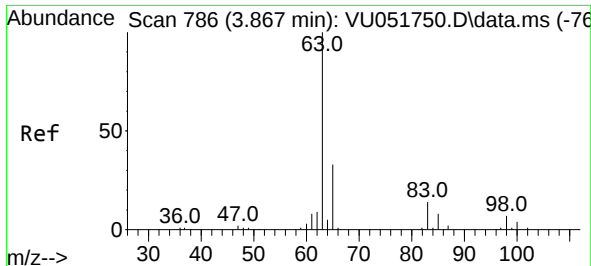


#18
trans-1,2-Dichloroethene
Concen: 5.283 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14



Tgt Ion: 96 Resp: 88243
Ion Ratio Lower Upper
96 100
61 139.0 94.7 175.9
98 63.8 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.681 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

Instrument :

MSVOA_U

ClientSampleId :

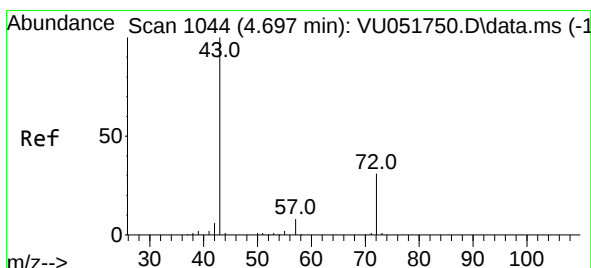
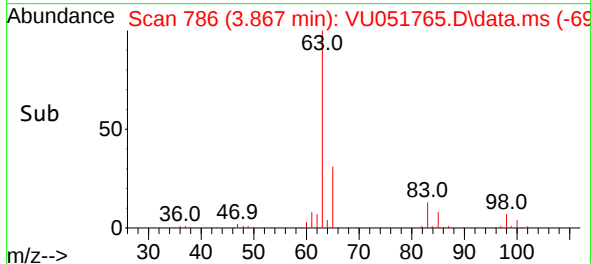
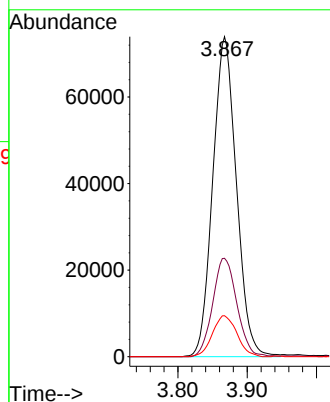
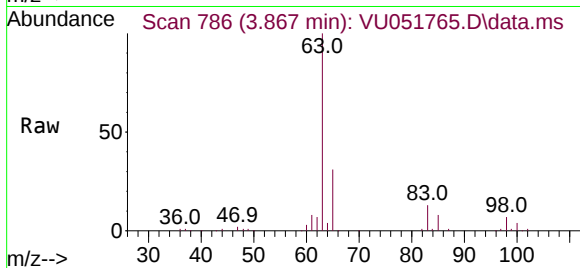
Tgt Ion: 63 Resp: 175031

Ion Ratio Lower Upper

63 100

65 30.7 22.7 42.1

83 12.8 9.2 17.0



#21

2-Butanone

Concen: 54.085 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU051765.D

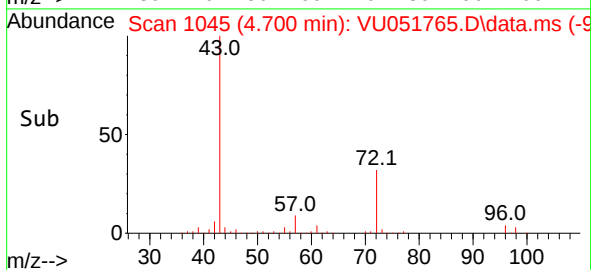
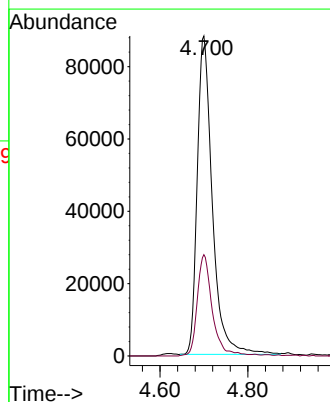
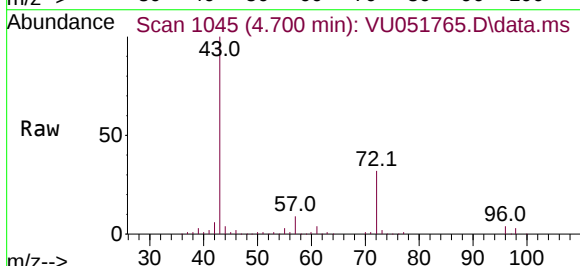
Acq: 04 Nov 2022 17:14

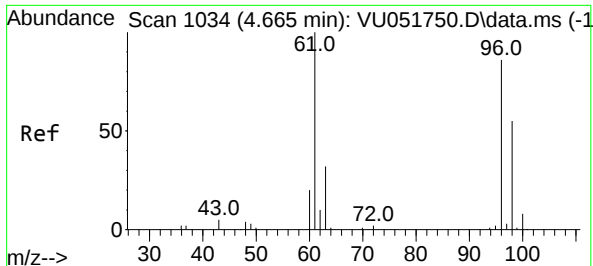
Tgt Ion: 43 Resp: 209844

Ion Ratio Lower Upper

43 100

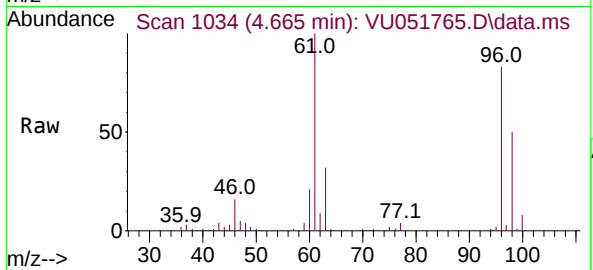
72 30.9 16.2 48.5





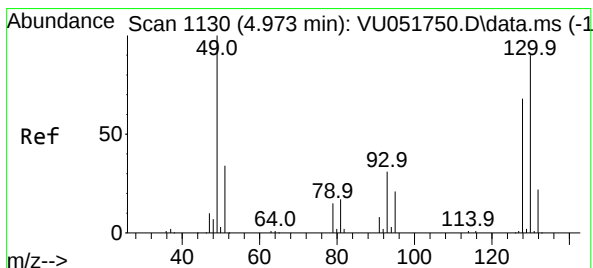
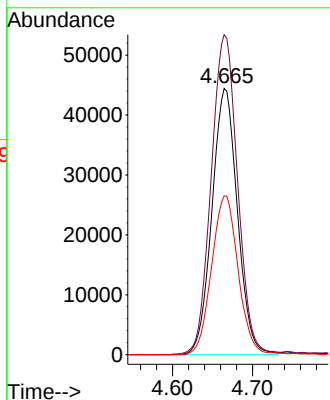
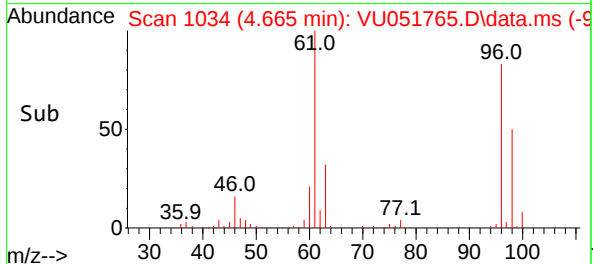
#22
 cis-1,2-Dichloroethene
 Concen: 5.320 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051765.D
 Acq: 04 Nov 2022 17:14

Instrument :
 MSVOA_U
 ClientSampleId :

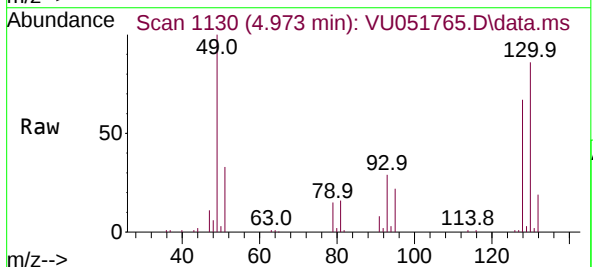


Tgt Ion: 96 Resp: 98326

Ion	Ratio	Lower	Upper
96	100		
61	120.2	86.4	160.4
98	59.6	44.2	82.2

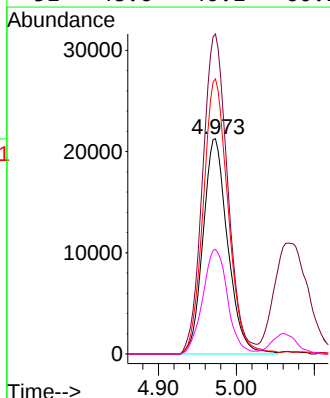
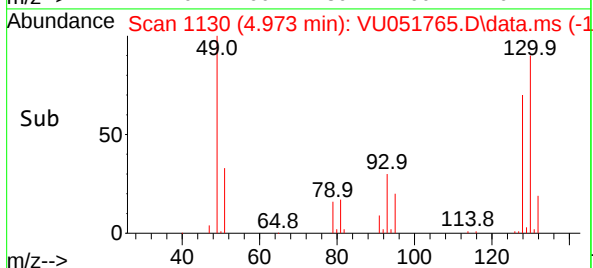


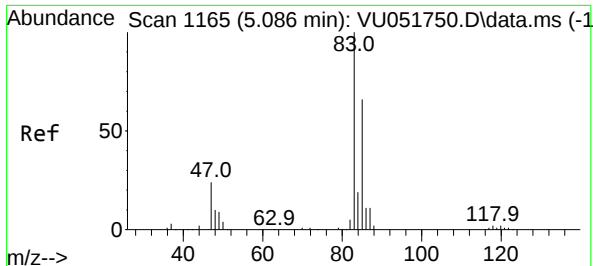
#23
 Bromochloromethane
 Concen: 5.394 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051765.D
 Acq: 04 Nov 2022 17:14



Tgt Ion: 128 Resp: 46615

Ion	Ratio	Lower	Upper
128	100		
49	148.7	105.5	195.9
130	127.8	93.5	173.7
51	48.6	40.1	60.1





#25

Chloroform

Concen: 5.568 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

Instrument :

MSVOA_U

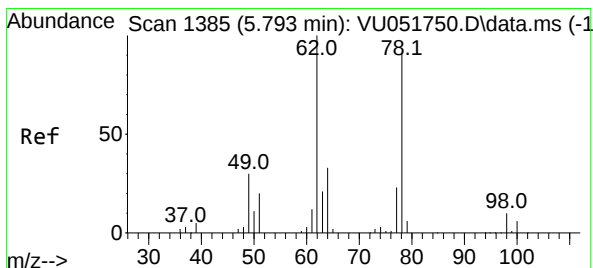
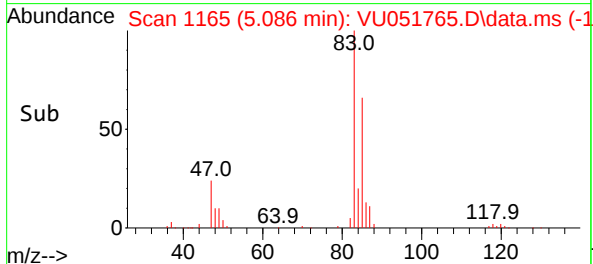
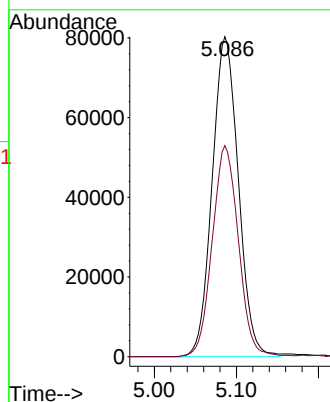
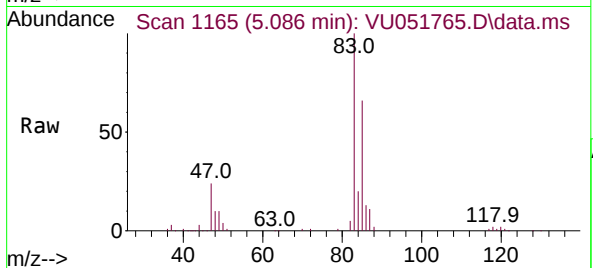
ClientSampleId :

Tgt Ion: 83 Resp: 177969

Ion Ratio Lower Upper

83 100

85 66.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.358 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051765.D

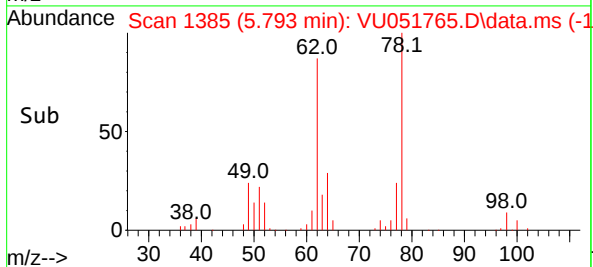
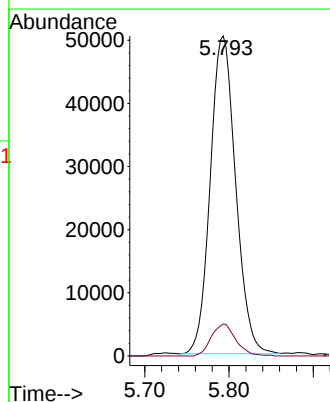
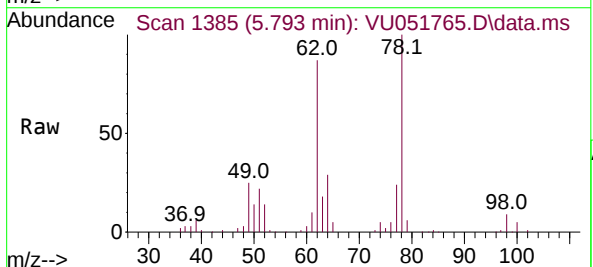
Acq: 04 Nov 2022 17:14

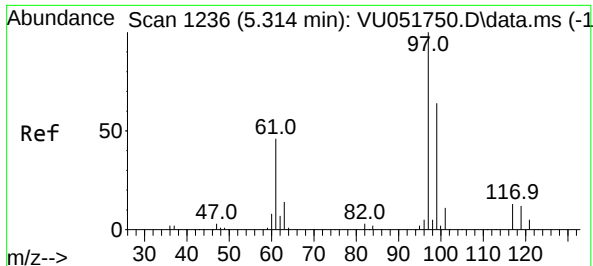
Tgt Ion: 62 Resp: 105380

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.288 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

Instrument :

MSVOA_U

ClientSampleId :

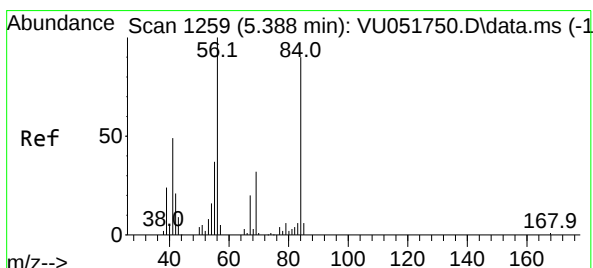
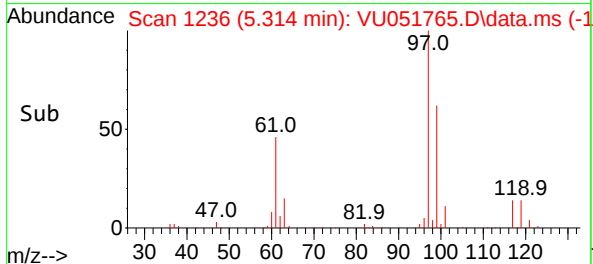
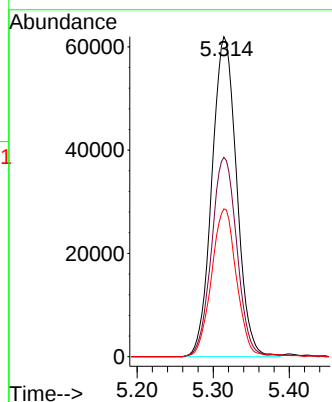
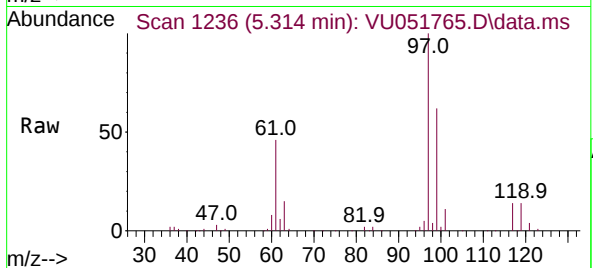
Tgt Ion: 97 Resp: 140117

Ion Ratio Lower Upper

97 100

99 63.6 51.1 76.7

61 46.5 37.4 56.0



#30

Cyclohexane

Concen: 5.001 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

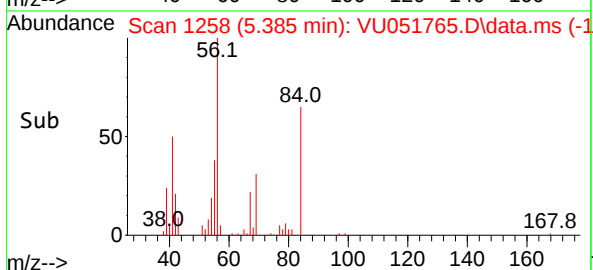
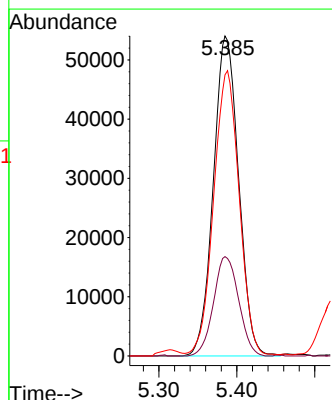
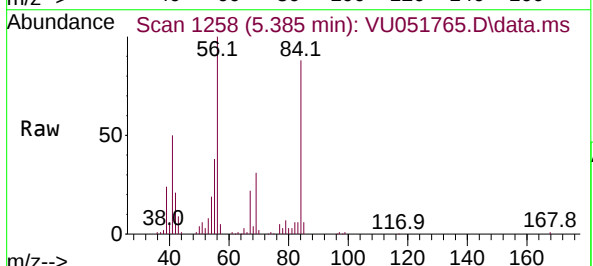
Tgt Ion: 56 Resp: 122017

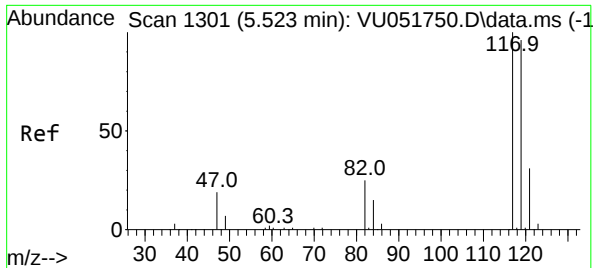
Ion Ratio Lower Upper

56 100

69 30.8 25.4 38.0

84 89.5 71.4 107.0

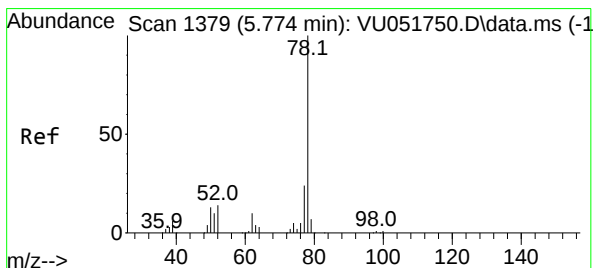
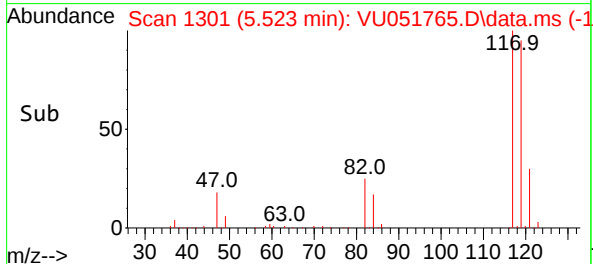
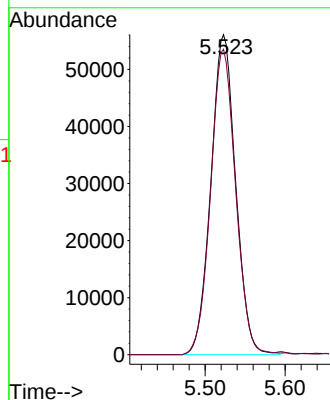
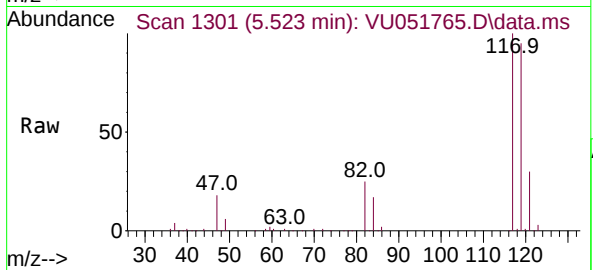




#31
Carbon tetrachloride
Concen: 5.323 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

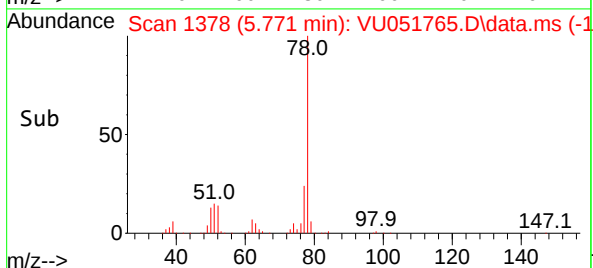
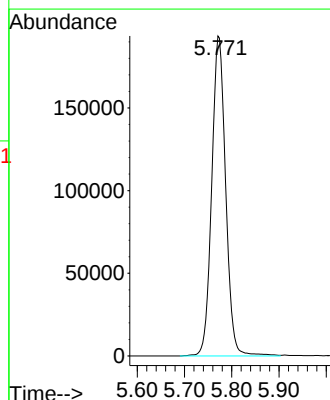
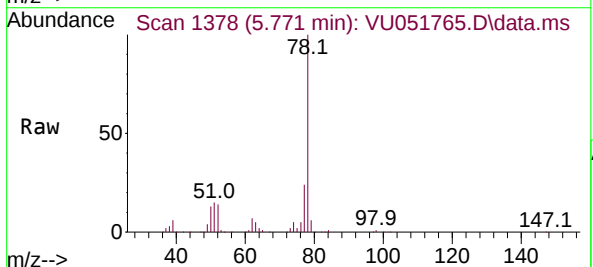
Instrument :
MSVOA_U
ClientSampleId :

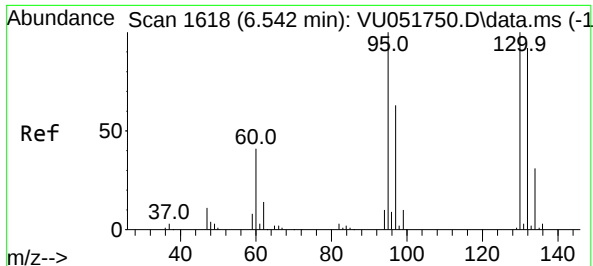
Tgt Ion:117 Resp: 120637
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 5.149 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

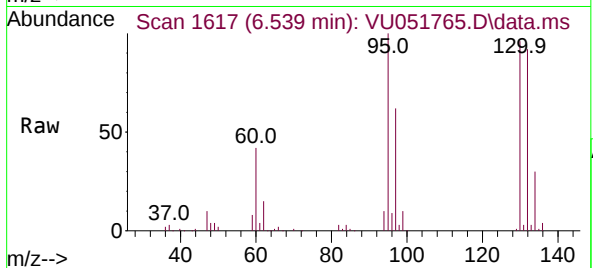
Tgt Ion: 78 Resp: 396554





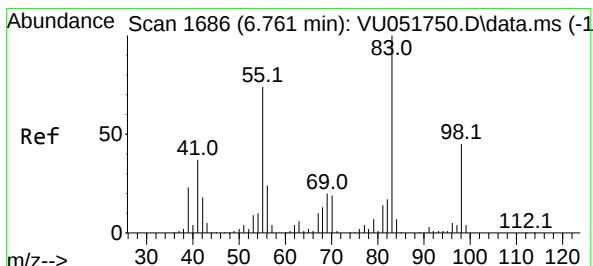
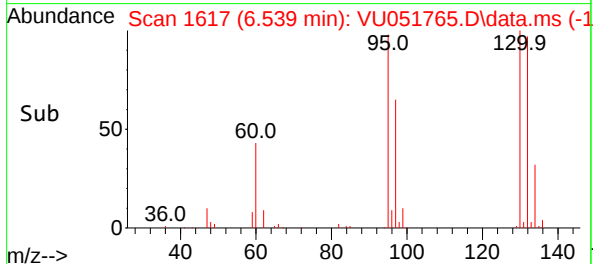
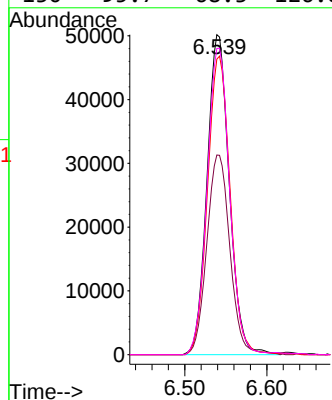
#34
Trichloroethene
Concen: 5.098 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 94766

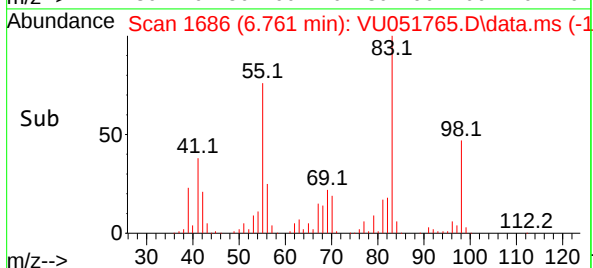
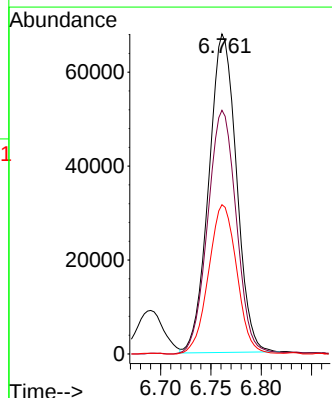
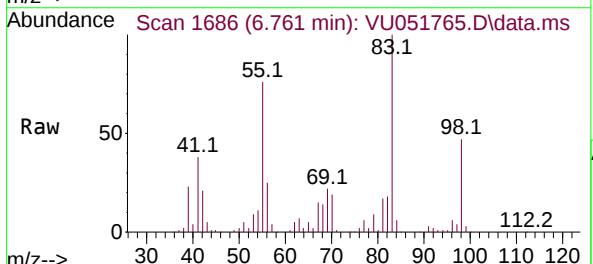
Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.2	84.0
132	92.4	66.5	123.5
130	95.7	68.3	126.8

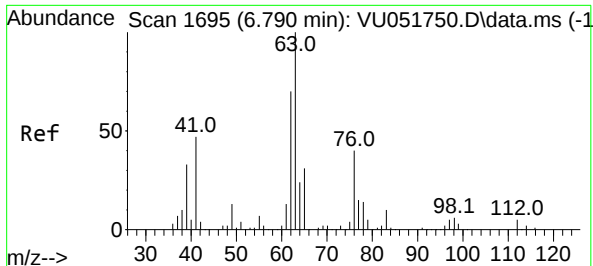


#35
Methylcyclohexane
Concen: 5.057 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion: 83 Resp: 129953

Ion	Ratio	Lower	Upper
83	100		
55	79.2	60.6	90.8
98	47.8	35.8	53.6





#37

1,2-Dichloropropane

Concen: 5.269 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

Instrument :

MSVOA_U

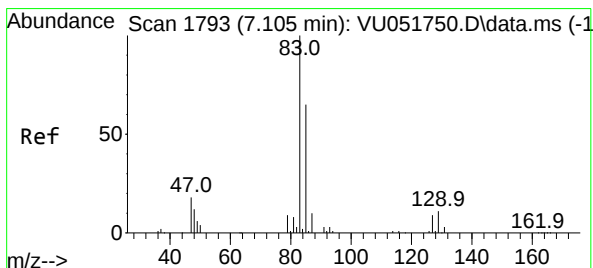
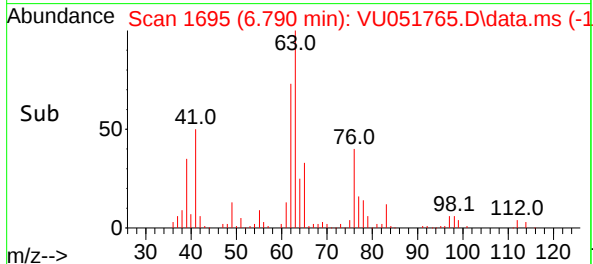
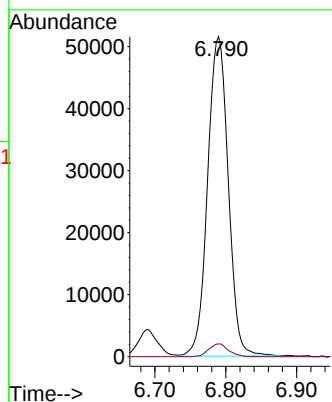
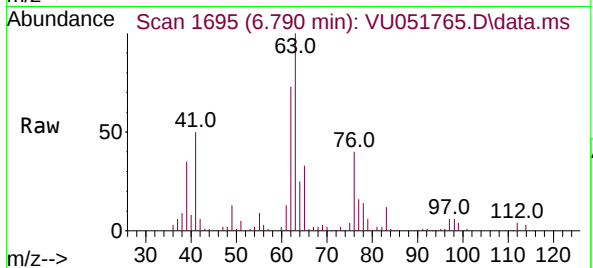
ClientSampleId :

Tgt Ion: 63 Resp: 104382

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 5.158 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

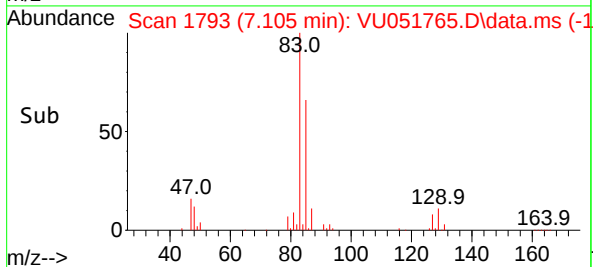
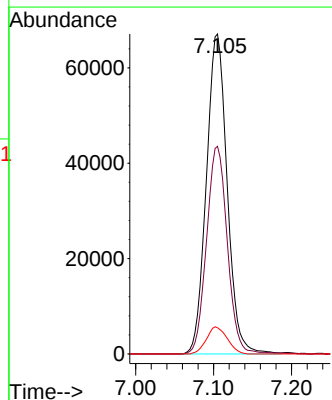
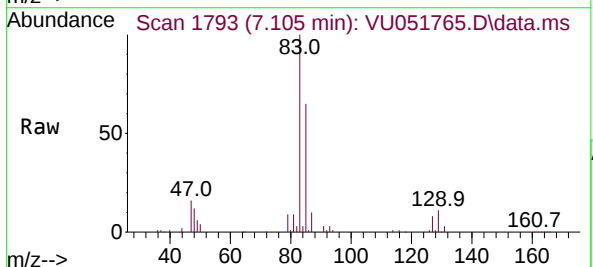
Tgt Ion: 83 Resp: 124817

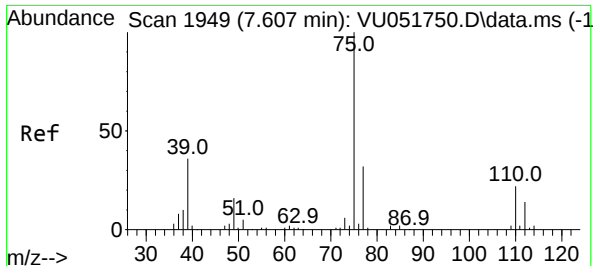
Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.936 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

Instrument :

MSVOA_U

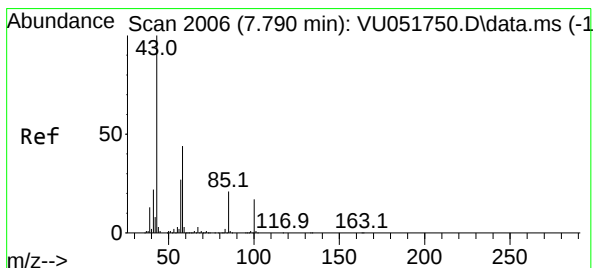
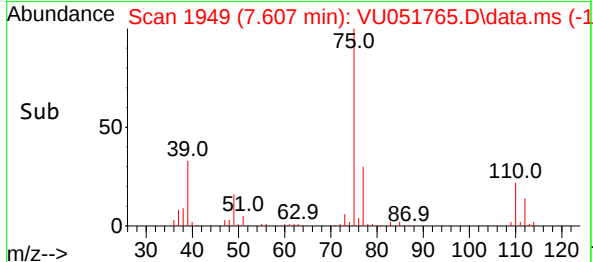
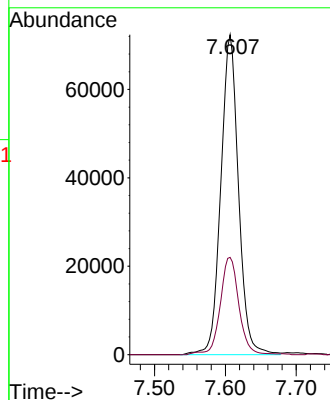
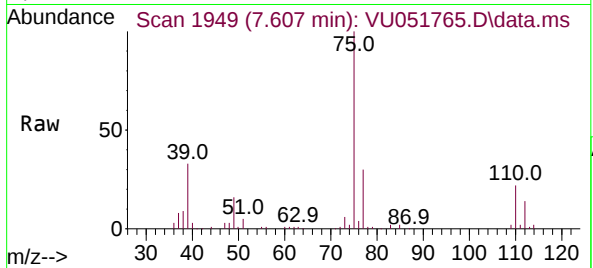
ClientSampleId :

Tgt Ion: 75 Resp: 125442

Ion Ratio Lower Upper

75 100

77 30.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.386 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

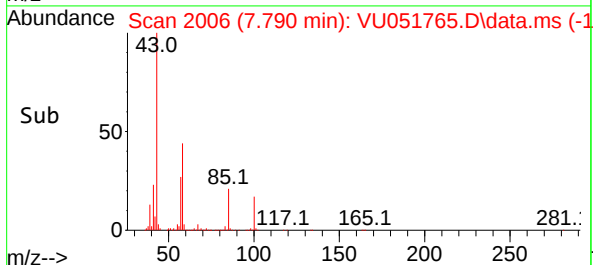
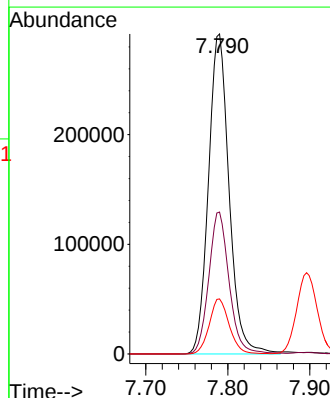
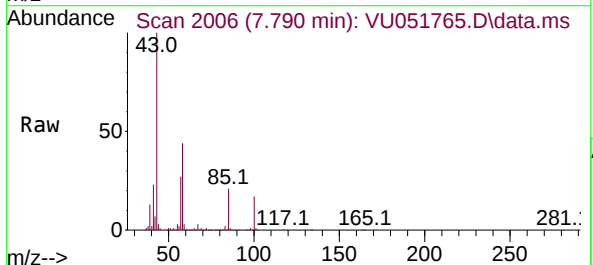
Tgt Ion: 43 Resp: 510582

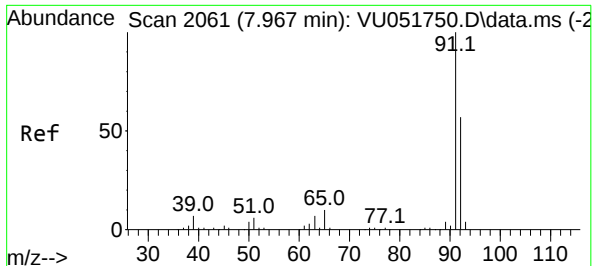
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 16.7 13.4 20.0





#42

Toluene

Concen: 5.300 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

Instrument :

MSVOA_U

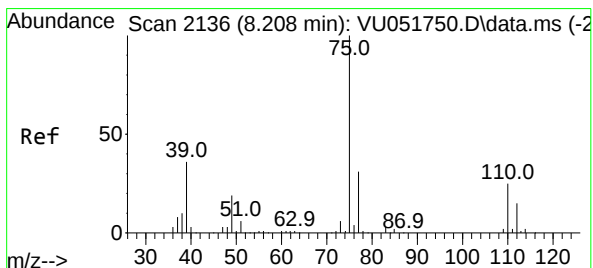
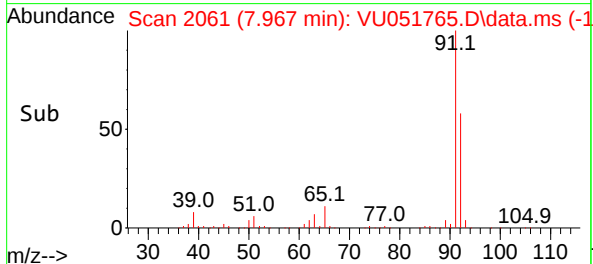
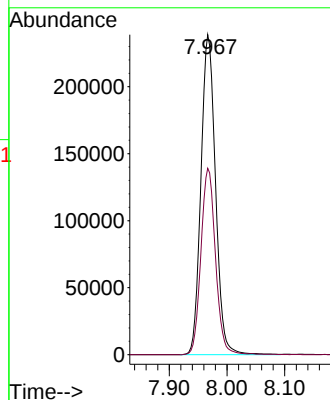
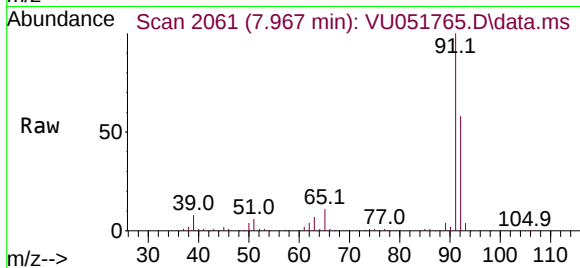
ClientSampleId :

Tgt Ion: 91 Resp: 419197

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.129 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051765.D

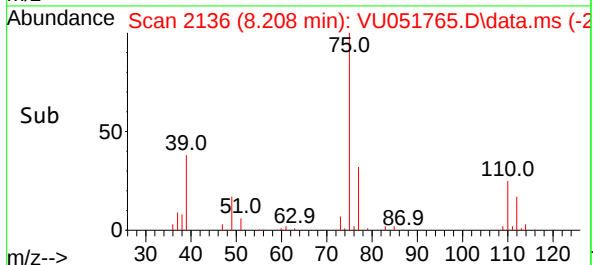
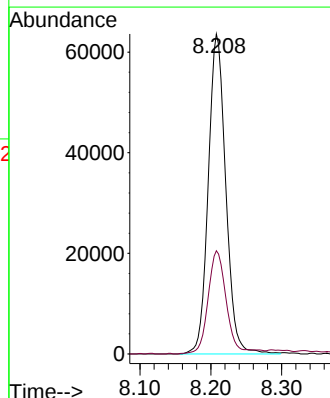
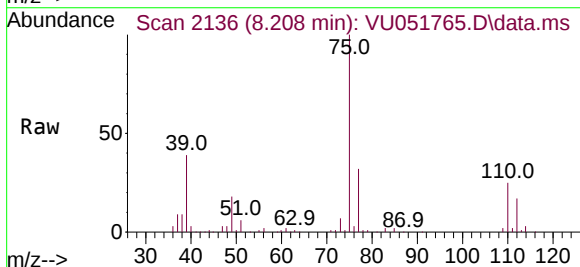
Acq: 04 Nov 2022 17:14

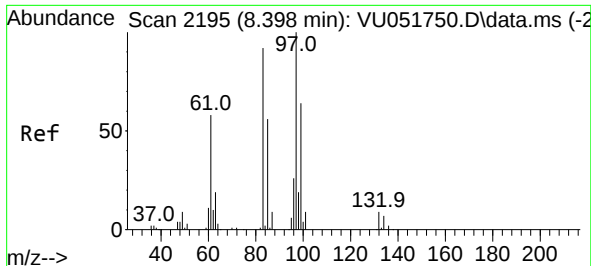
Tgt Ion: 75 Resp: 108938

Ion Ratio Lower Upper

75 100

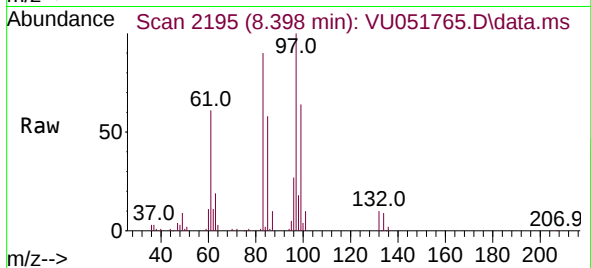
77 32.3 21.8 40.6



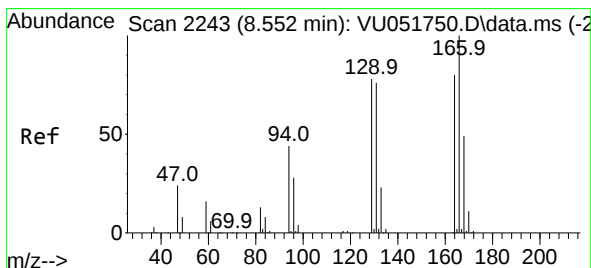
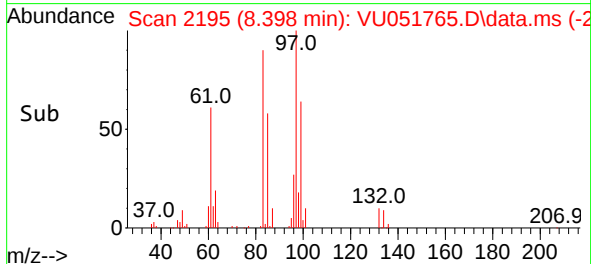
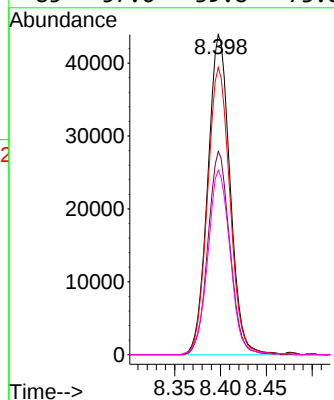


#45
1,1,2-Trichloroethane
Concen: 5.108 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Instrument :
MSVOA_U
ClientSampleId :

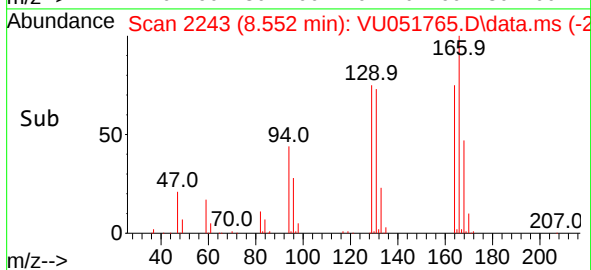
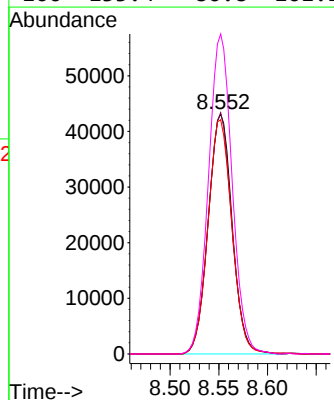
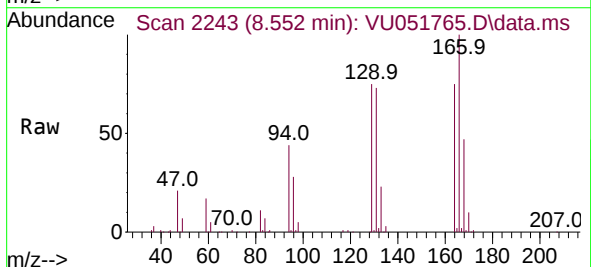


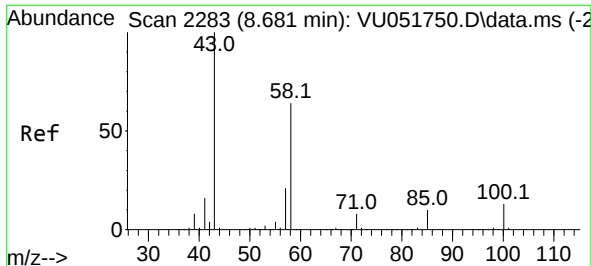
Tgt Ion:	97	Resp:	74155
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.4	80.6
83	89.7	61.3	113.9
85	57.6	39.8	73.8



#47
Tetrachloroethene
Concen: 5.178 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

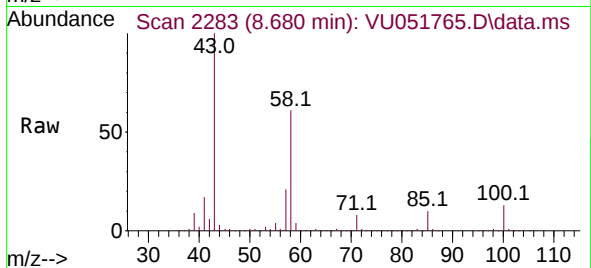
Tgt Ion:	164	Resp:	73709
Ion	Ratio	Lower	Upper
164	100		
129	100.6	64.0	118.8
131	97.6	60.7	112.7
166	133.4	86.8	161.2





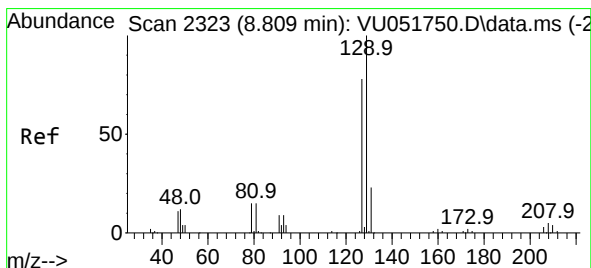
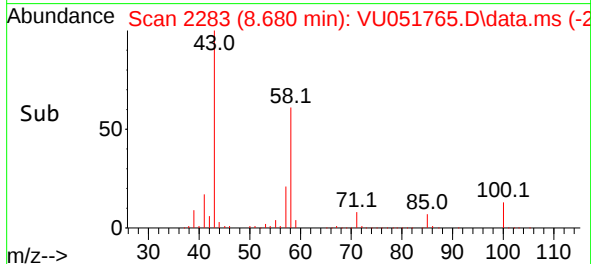
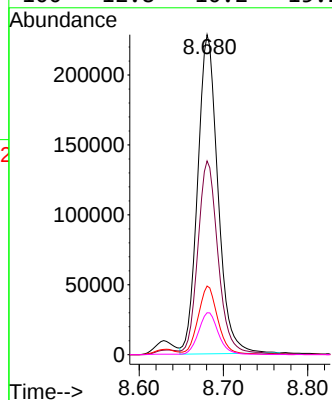
#48
2-Hexanone
Concen: 51.925 ug/L
RT: 8.680 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 381899

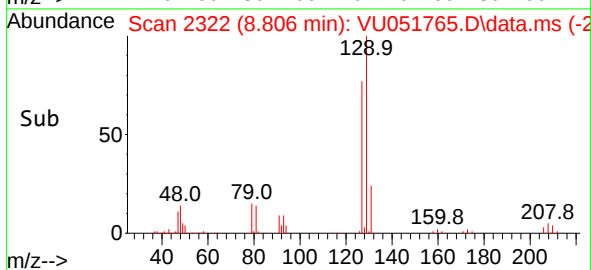
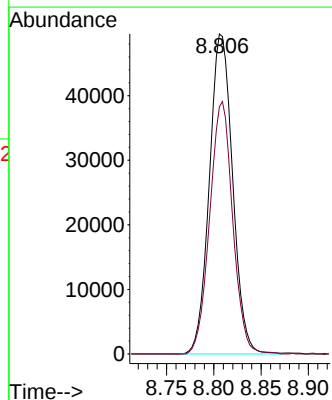
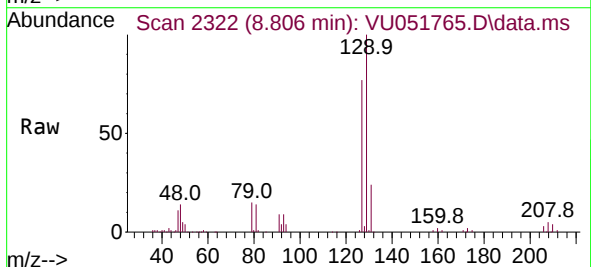
Ion	Ratio	Lower	Upper
43	100		
58	60.3	48.2	72.2
57	20.8	16.6	25.0
100	12.8	10.2	15.2

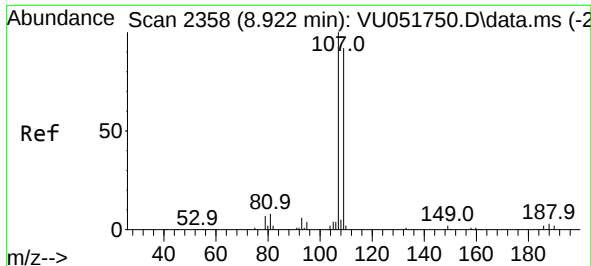


#49
Dibromochloromethane
Concen: 5.110 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion: 129 Resp: 84748

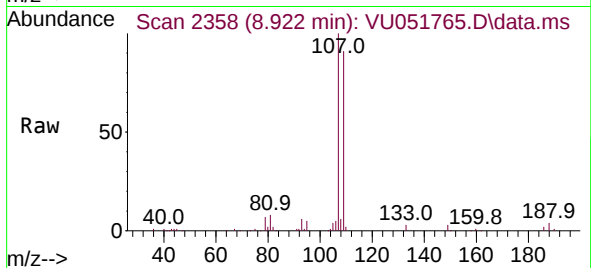
Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.8	101.8



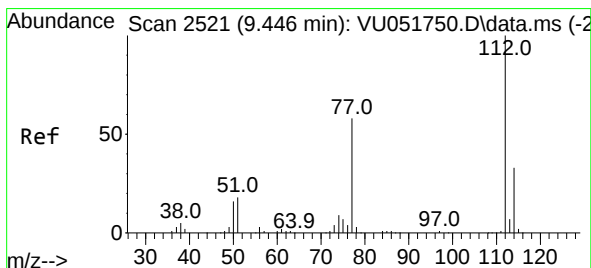
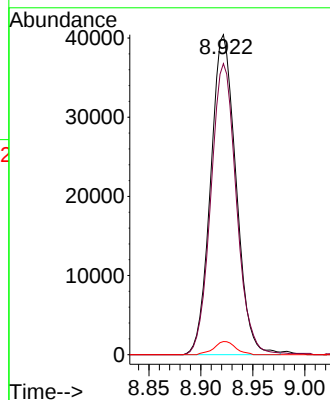
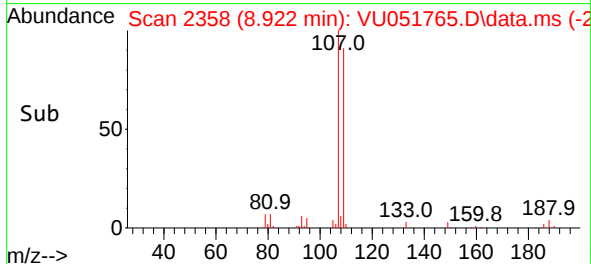


#50
1,2-Dibromoethane
Concen: 5.239 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Instrument :
MSVOA_U
ClientSampleId :

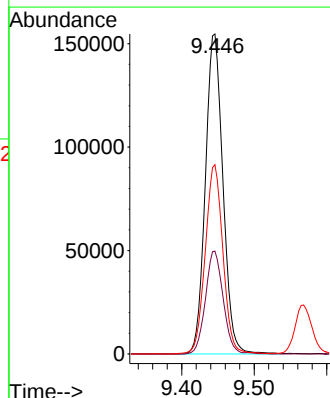
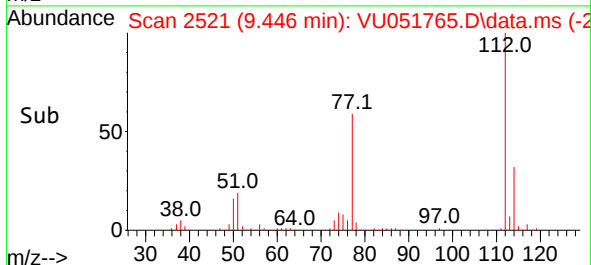
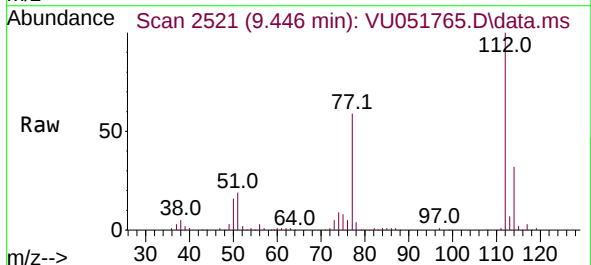


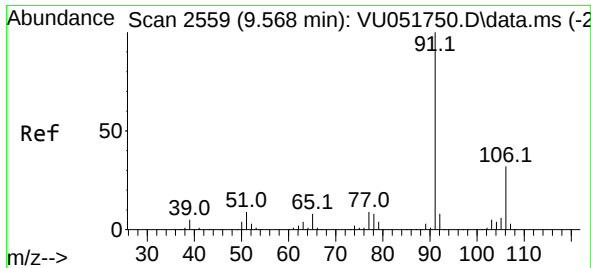
Tgt Ion:107 Resp: 68613
Ion Ratio Lower Upper
107 100
109 91.0 63.0 117.0
188 4.1 3.0 4.4



#51
Chlorobenzene
Concen: 5.234 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion:112 Resp: 260569
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 59.2 46.7 70.1

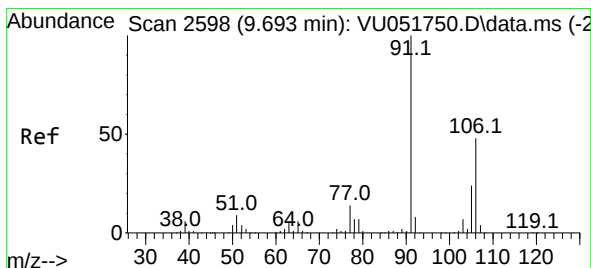
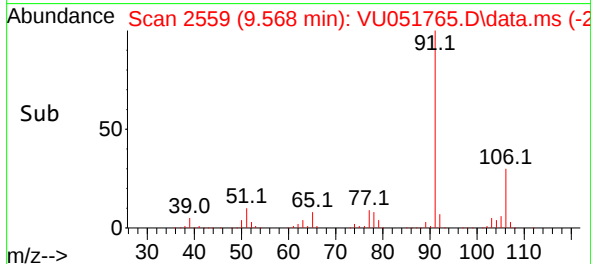
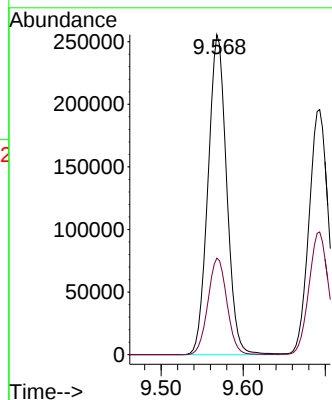
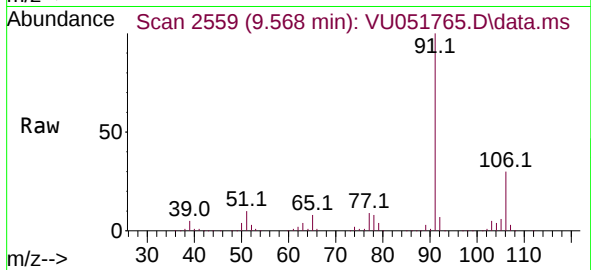




#52
Ethylbenzene
Concen: 5.277 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

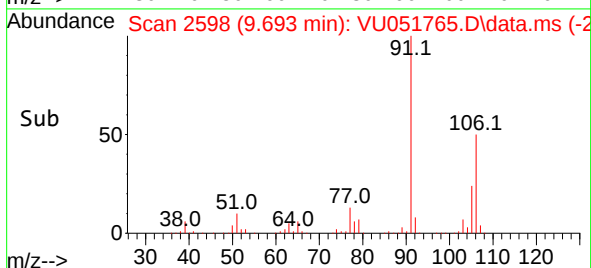
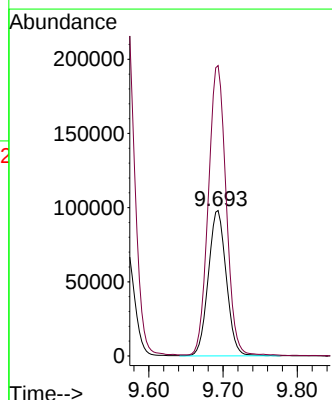
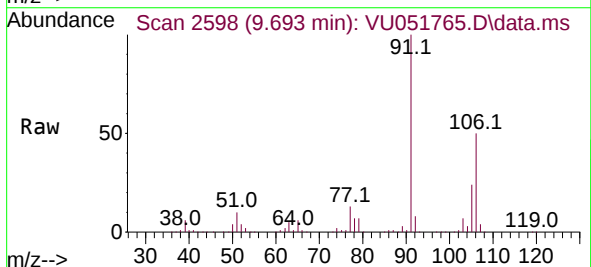
Instrument :
MSVOA_U
ClientSampleId :

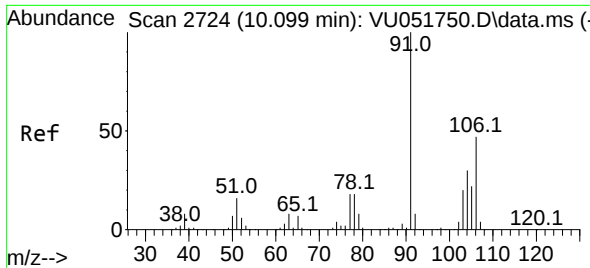
Tgt Ion: 91 Resp: 402725
Ion Ratio Lower Upper
91 100
106 30.1 21.8 40.6



#53
m,p-Xylene
Concen: 5.547 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion: 106 Resp: 164439
Ion Ratio Lower Upper
106 100
91 199.7 139.4 259.0

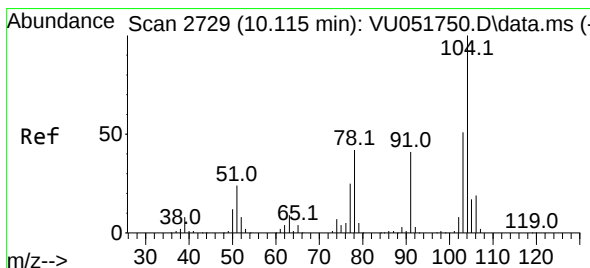
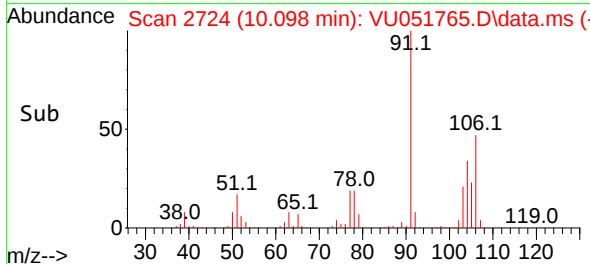
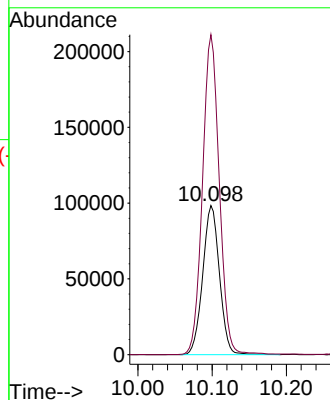
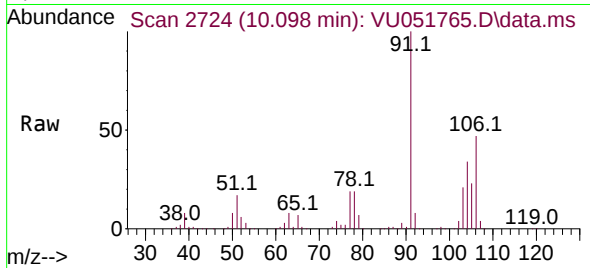




#54
o-Xylene
Concen: 5.314 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

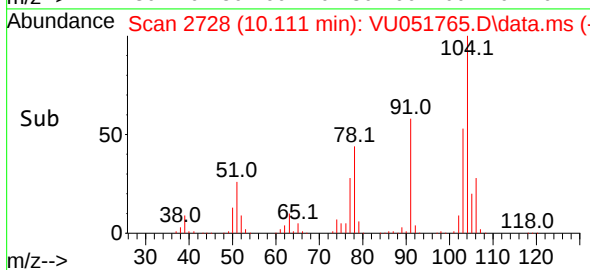
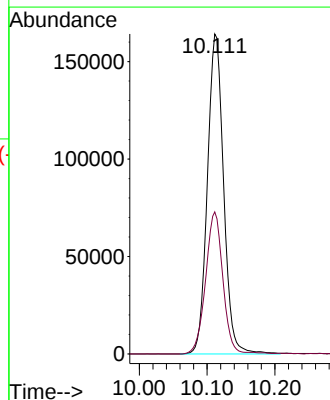
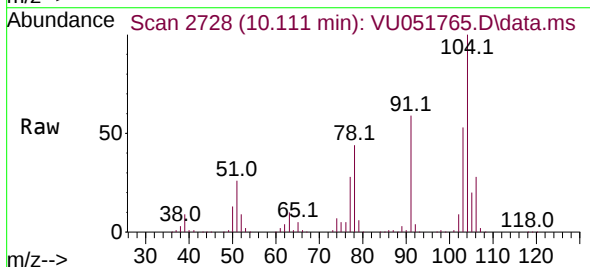
Instrument :
MSVOA_U
ClientSampleId :

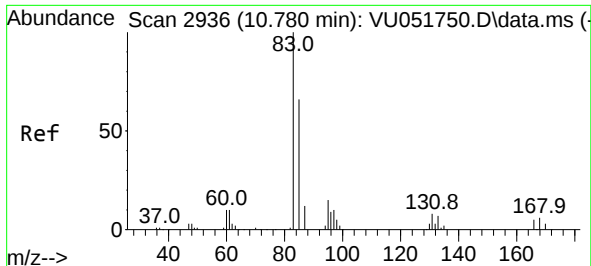
Tgt Ion:106 Resp: 153948
Ion Ratio Lower Upper
106 100
91 214.7 149.2 277.2



#55
Styrene
Concen: 5.642 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion:104 Resp: 273300
Ion Ratio Lower Upper
104 100
78 44.4 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.307 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

Instrument :

MSVOA_U

ClientSampleId :

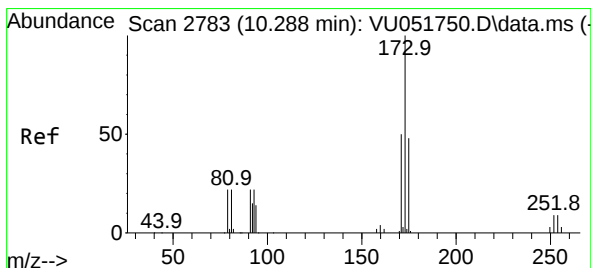
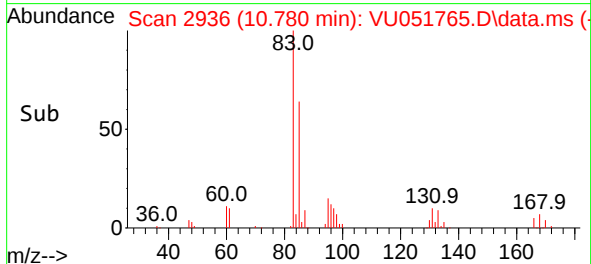
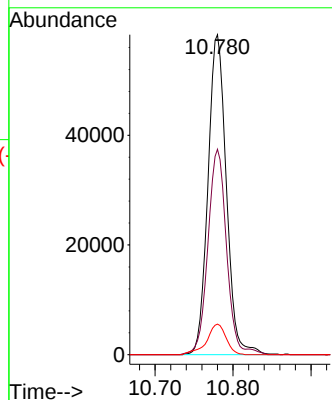
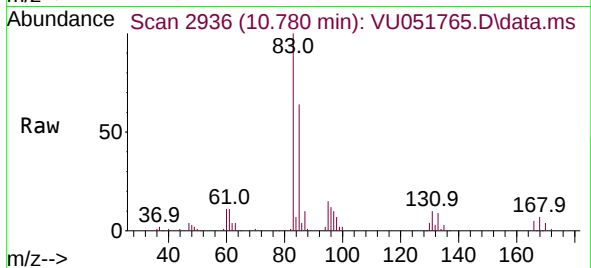
Tgt Ion: 83 Resp: 95517

Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

131 9.5 7.8 11.8



#59

Bromoform

Concen: 4.561 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

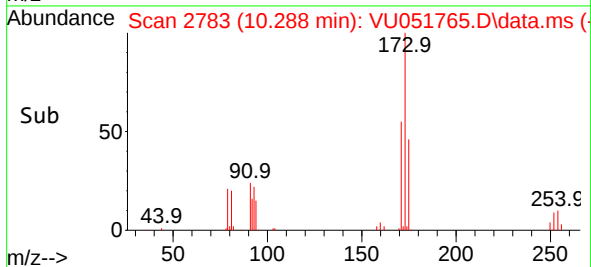
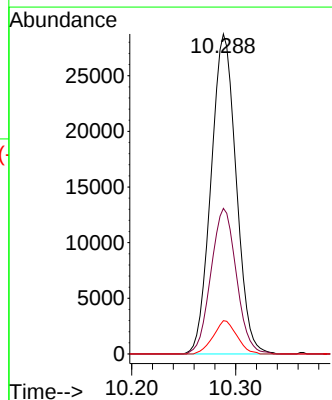
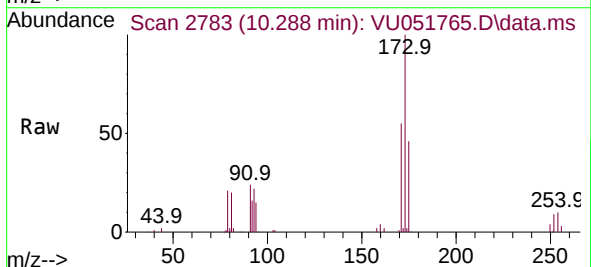
Tgt Ion:173 Resp: 48217

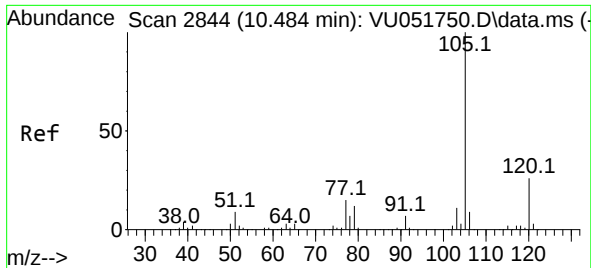
Ion Ratio Lower Upper

173 100

175 46.1 38.7 58.1

254 9.7 7.3 10.9

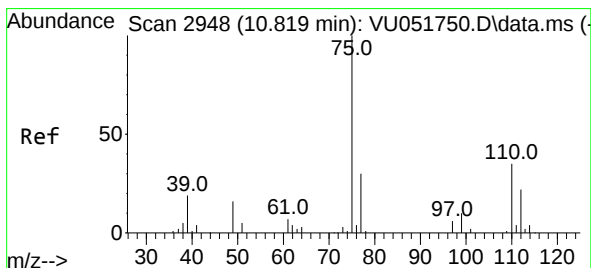
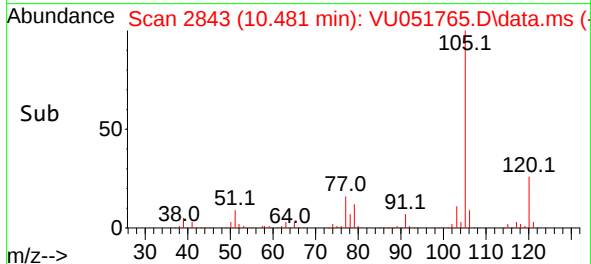
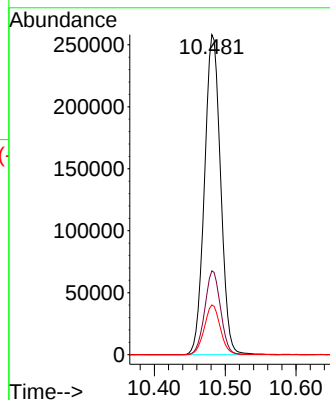
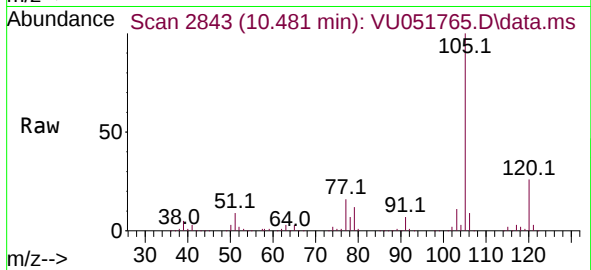




#60
Isopropylbenzene
Concen: 4.876 ug/L
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

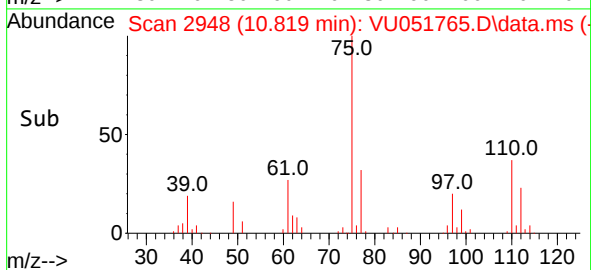
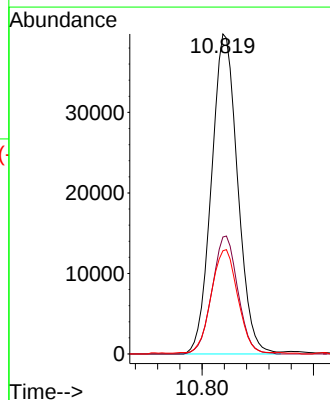
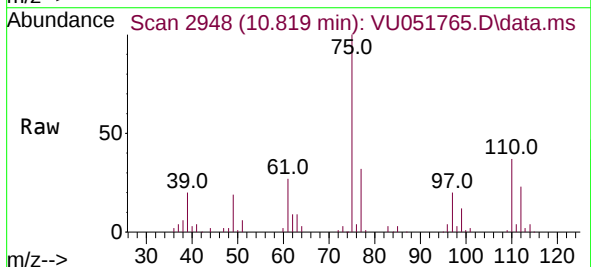
Instrument :
MSVOA_U
ClientSampleId :

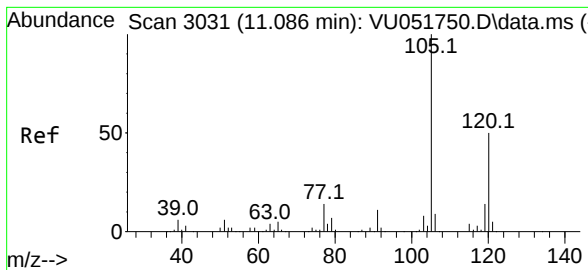
Tgt Ion:105 Resp: 407267
Ion Ratio Lower Upper
105 100
120 25.8 20.9 31.3
77 15.5 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.391 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion: 75 Resp: 64957
Ion Ratio Lower Upper
75 100
110 36.2 28.7 43.1
77 32.6 26.1 39.1

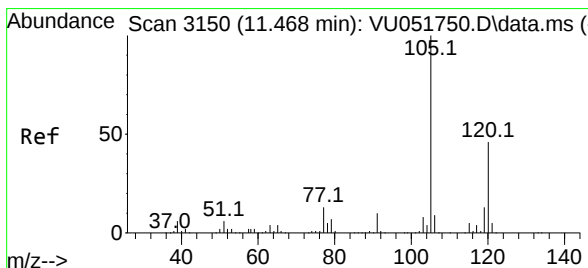
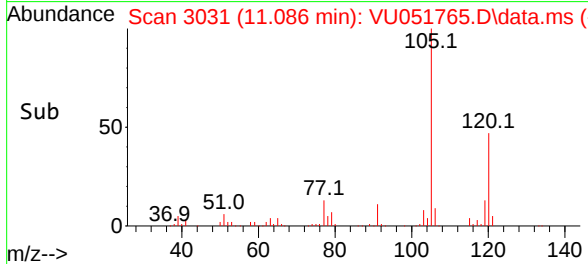
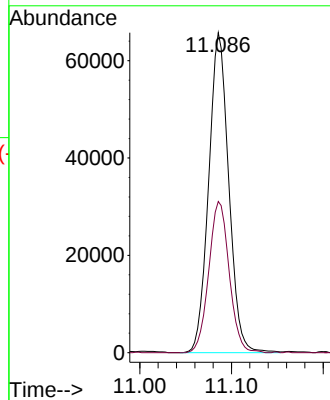
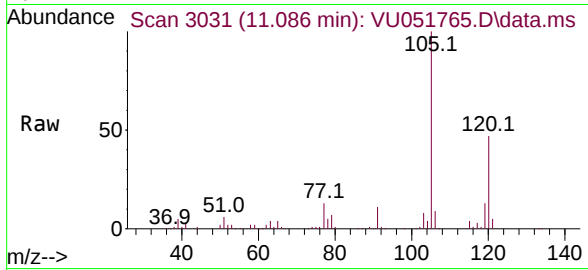




#62
 1,3,5-Trimethylbenzene
 Concen: 4.446 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051765.D
 Acq: 04 Nov 2022 17:14

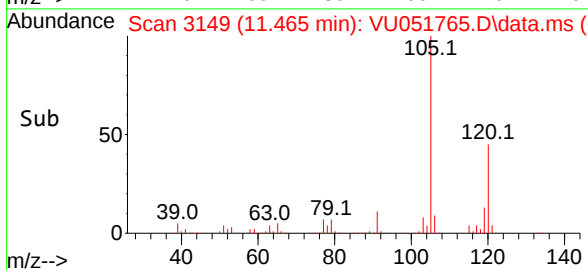
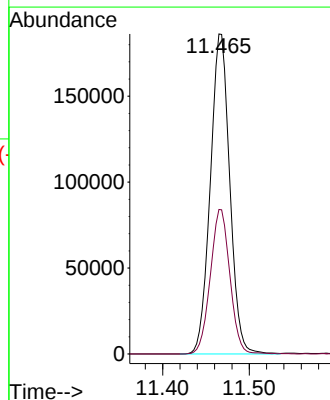
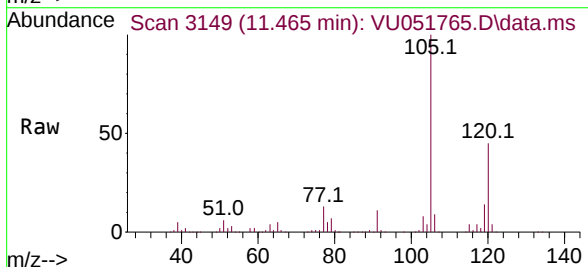
Instrument :
 MSVOA_U
 ClientSampleId :

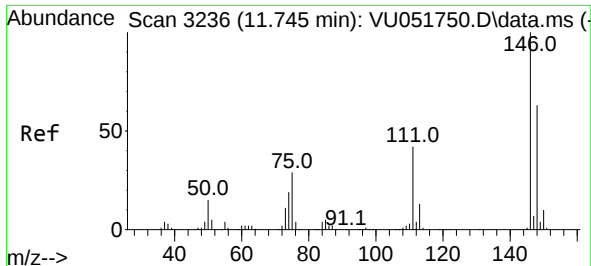
Tgt Ion:105 Resp: 99971
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.473 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051765.D
 Acq: 04 Nov 2022 17:14

Tgt Ion:105 Resp: 289993
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.8 53.6

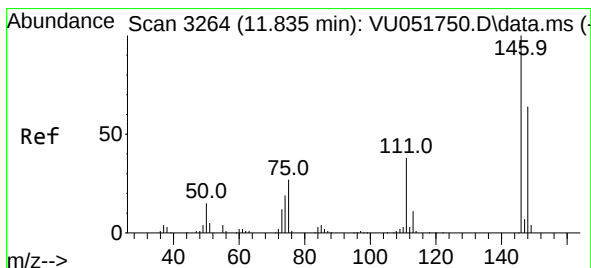
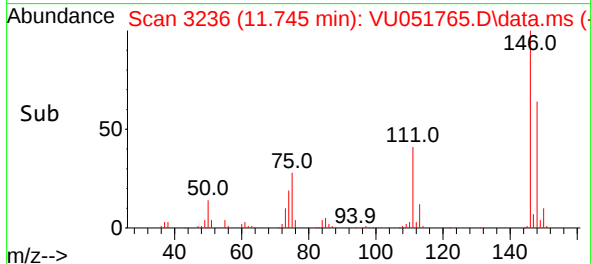
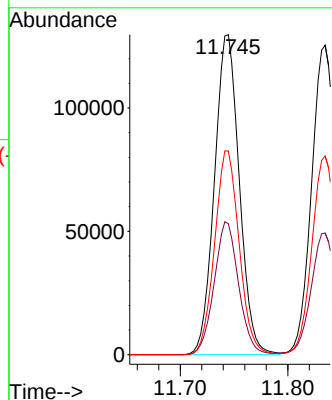
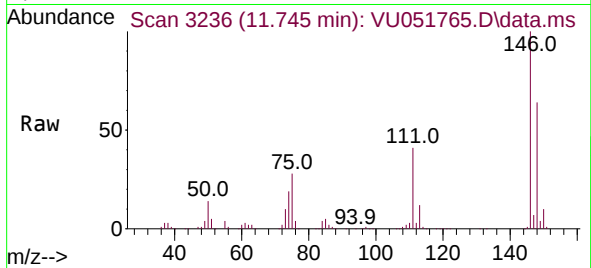




#64
1,3-Dichlorobenzene
Concen: 5.009 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

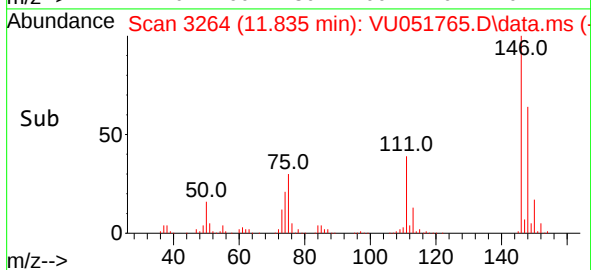
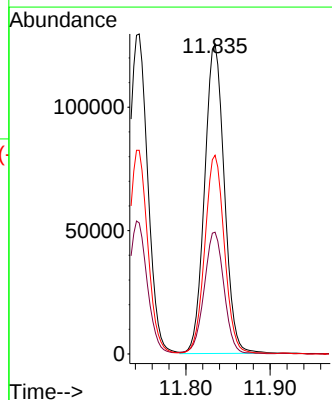
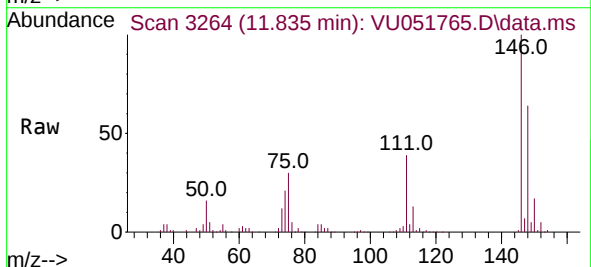
Instrument :
MSVOA_U
ClientSampleId :

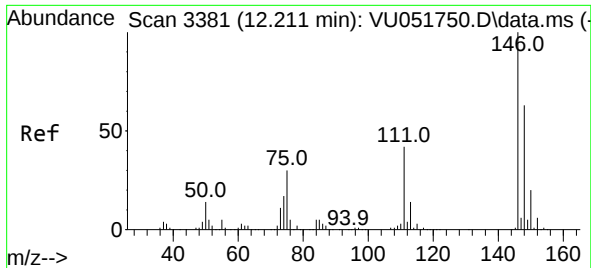
Tgt Ion:146 Resp: 208274
Ion Ratio Lower Upper
146 100
111 41.0 28.6 53.2
148 63.6 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.917 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion:146 Resp: 204984
Ion Ratio Lower Upper
146 100
111 39.4 26.7 49.5
148 64.2 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.770 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

Instrument :

MSVOA_U

ClientSampleId :

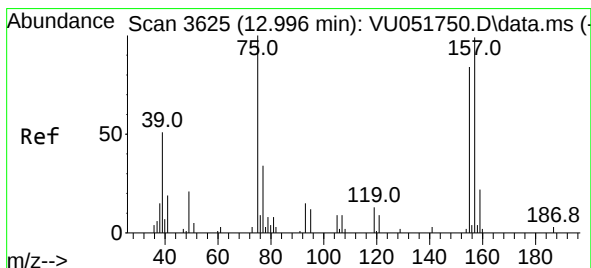
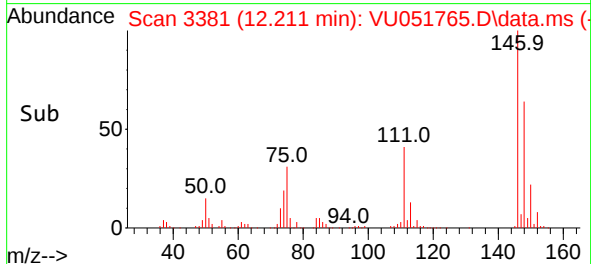
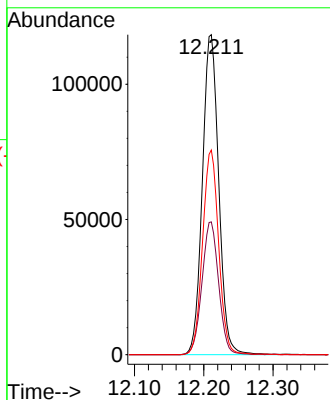
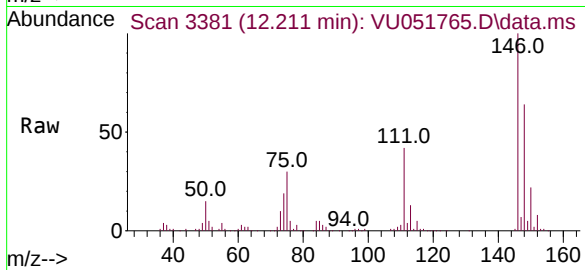
Tgt Ion:146 Resp: 193206

Ion Ratio Lower Upper

146 100

111 41.5 34.2 51.2

148 63.9 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.272 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU051765.D

Acq: 04 Nov 2022 17:14

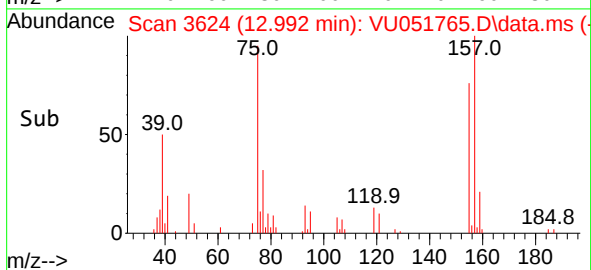
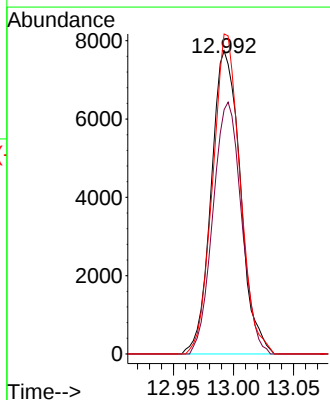
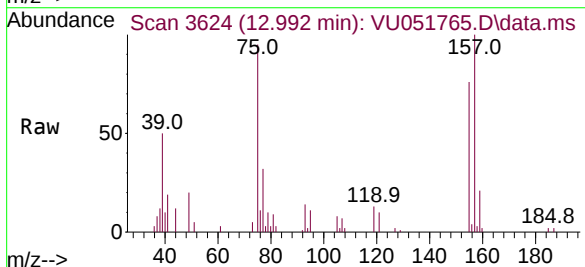
Tgt Ion: 75 Resp: 13014

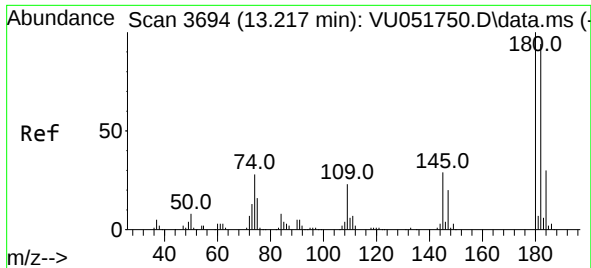
Ion Ratio Lower Upper

75 100

155 80.6 61.4 92.2

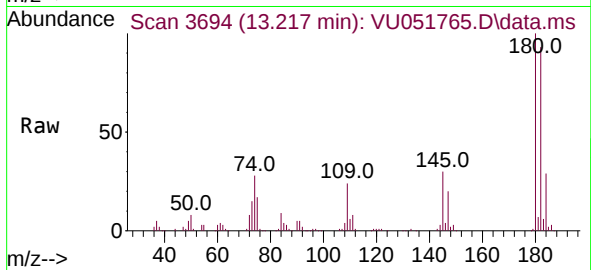
157 105.6 86.7 130.1



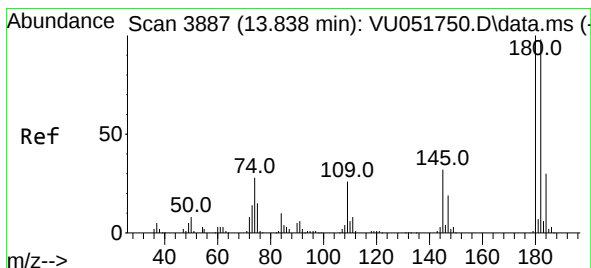
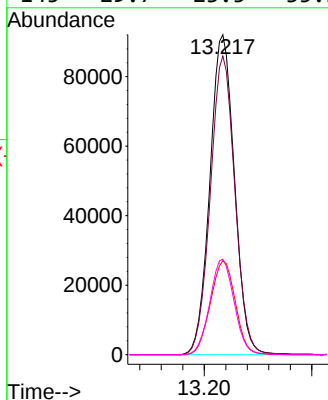
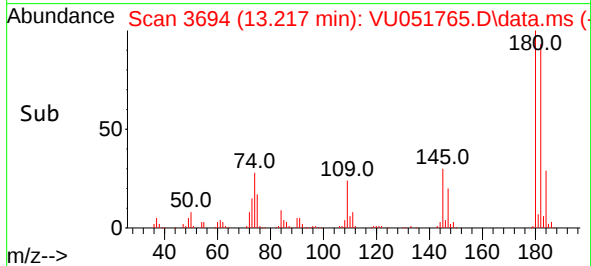


#69
 1,3,5-Trichlorobenzene
 Concen: 4.920 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051765.D
 Acq: 04 Nov 2022 17:14

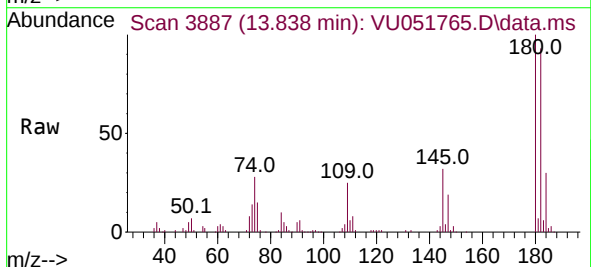
Instrument :
 MSVOA_U
 ClientSampleId :



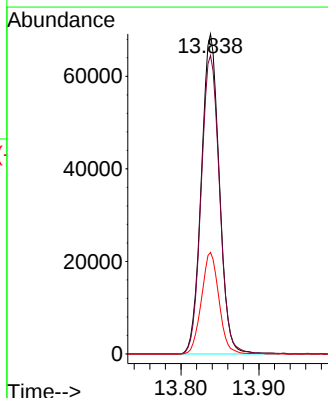
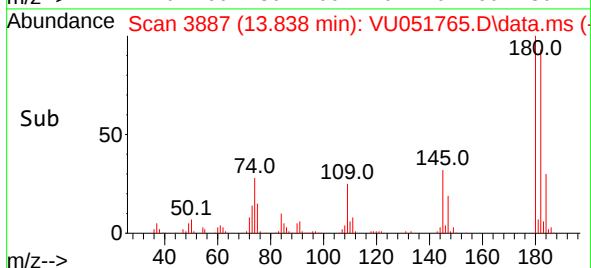
Tgt Ion:180 Resp: 145803
 Ion Ratio Lower Upper
 180 100
 182 93.5 77.0 115.6
 184 29.8 23.7 35.5
 145 29.7 23.5 35.3

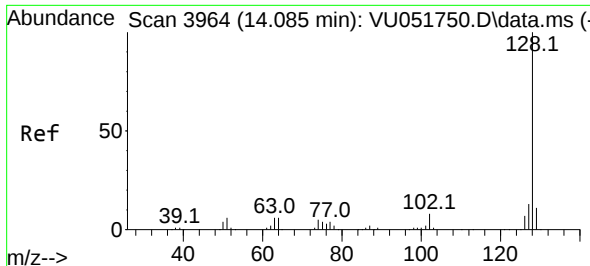


#70
 1,2,4-trichlorobenzene
 Concen: 4.867 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051765.D
 Acq: 04 Nov 2022 17:14



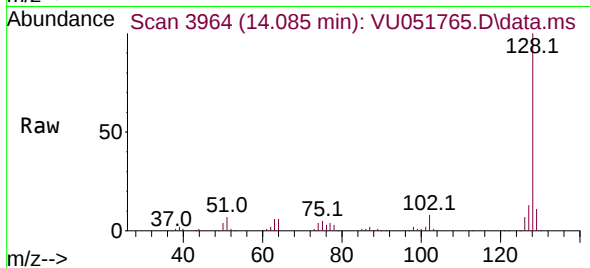
Tgt Ion:180 Resp: 110739
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.8 116.6
 145 30.8 25.0 37.6



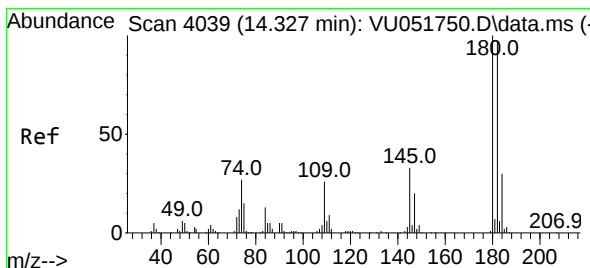
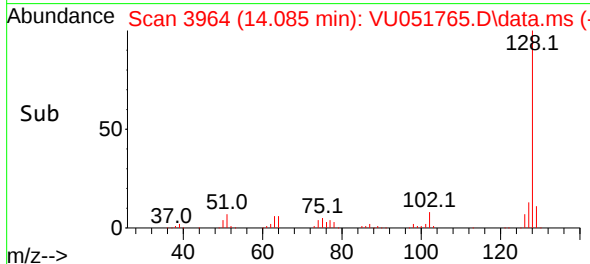
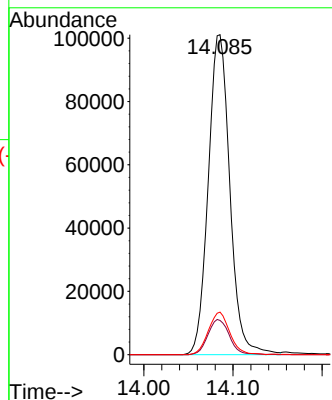


#71
Naphthalene
Concen: 4.007 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 170204
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.2 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.602 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051765.D
Acq: 04 Nov 2022 17:14

Tgt Ion:180 Resp: 105725
Ion Ratio Lower Upper
180 100
182 95.0 76.1 114.1
145 33.1 25.6 38.4

