

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051365.D
 Acq On : 11 Oct 2022 07:26
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 08:18:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 02:38:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	200963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	220717	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59891	3.695	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.909	69	59581	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.565	65	25694	4.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.620	46	185038	51.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	5.063	84	153362	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.700	65	77301	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.726	84	271288	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.687	67	93625	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.896	98	253825	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.179	79	31153	4.598	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.629	63	113534	49.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	84942	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	90713	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	81022	4.942	ug/L	98
3) Chloromethane	1.520	50	112846	4.902	ug/L	98
5) Vinyl chloride	1.604	62	111718	4.948	ug/L	97
6) Bromomethane	1.854	94	64364	5.235	ug/L	100
8) Chloroethane	1.932	64	74456	5.171	ug/L	100
9) Trichlorofluoromethane	2.137	101	130383	5.010	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	73754	4.722	ug/L	99
12) 1,1-Dichloroethene	2.578	96	71124	4.853	ug/L	93
13) Acetone	2.623	43	132047	49.329	ug/L	96
14) Carbon disulfide	2.790	76	218832	4.875	ug/L	99
15) Methyl Acetate	2.948	43	33952	5.217	ug/L	99
16) Methylene chloride	3.041	84	110372	5.100	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	160802	4.790	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	77333	5.016	ug/L	97
19) 1,1-Dichloroethane	3.867	63	167451	5.263	ug/L	99
21) 2-Butanone	4.700	43	210547	49.908	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	87215	5.107	ug/L	97
23) Bromochloromethane	4.973	128	42530	5.219	ug/L	98
25) Chloroform	5.086	83	174824	5.261	ug/L	100

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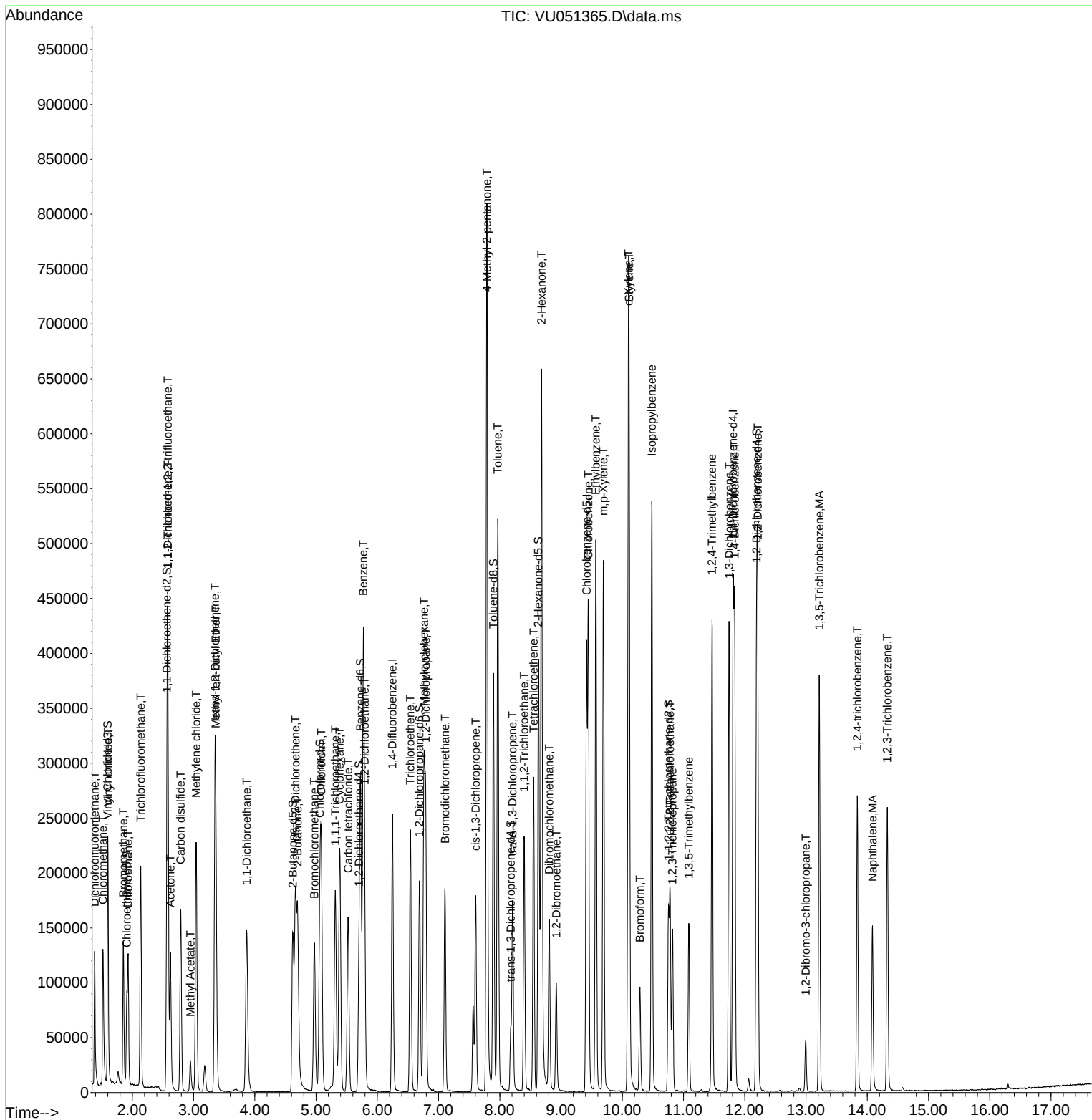
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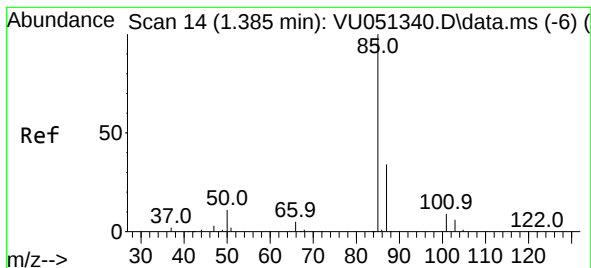
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107215	5.386	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	128335	4.853	ug/L	97
30) Cyclohexane	5.385	56	91517	4.080	ug/L	98
31) Carbon tetrachloride	5.523	117	108355	4.842	ug/L	98
33) Benzene	5.771	78	366036	4.968	ug/L	100
34) Trichloroethene	6.539	95	84248	4.583	ug/L	99
35) Methylcyclohexane	6.764	83	92983	4.009	ug/L	97
37) 1,2-Dichloropropane	6.790	63	100549	4.979	ug/L	100
38) Bromodichloromethane	7.105	83	122967	5.104	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	105806	4.359	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	509279	48.064	ug/L	99
42) Toluene	7.967	91	381643	4.880	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	98278	4.682	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	71806	5.064	ug/L	99
47) Tetrachloroethene	8.552	164	60340	4.465	ug/L	99
48) 2-Hexanone	8.681	43	400437	50.756	ug/L	97
49) Dibromochloromethane	8.806	129	78746	4.946	ug/L	95
50) 1,2-Dibromoethane	8.922	107	63946	5.066	ug/L	97
51) Chlorobenzene	9.446	112	234522	5.018	ug/L	99
52) Ethylbenzene	9.568	91	336858	4.793	ug/L	99
53) m,p-Xylene	9.693	106	130910	4.802	ug/L	99
54) o-Xylene	10.099	106	128122	4.967	ug/L	95
55) Styrene	10.111	104	229790	5.175	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	91631	5.220	ug/L	98
59) Bromoform	10.288	173	42789	4.543	ug/L	99
60) Isopropylbenzene	10.481	105	322361	4.496	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	62929	4.402	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	78327	4.118	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	223677	4.158	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	171355	4.831	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	168697	4.826	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	163930	4.754	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	12886	4.713	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	114925	4.701	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	82176	4.729	ug/L	99
71) Naphthalene	14.086	128	124068	3.841	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	80486	4.478	ug/L	100

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

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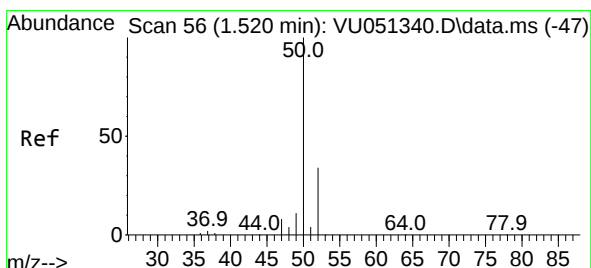
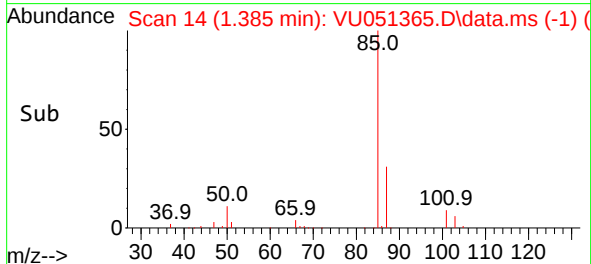
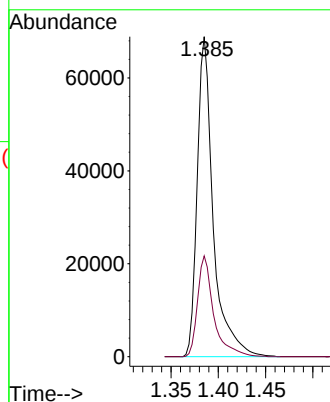
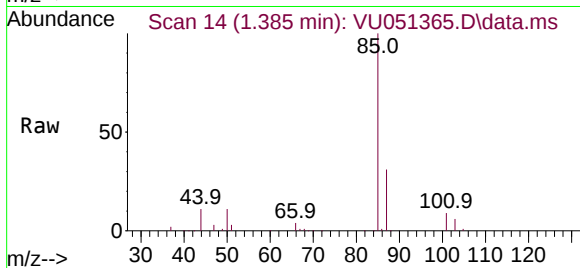




#2
Dichlorodifluoromethane
Concen: 4.942 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051365.D
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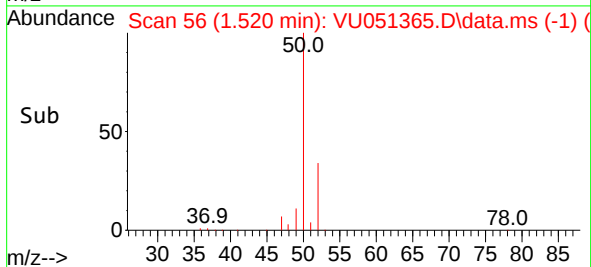
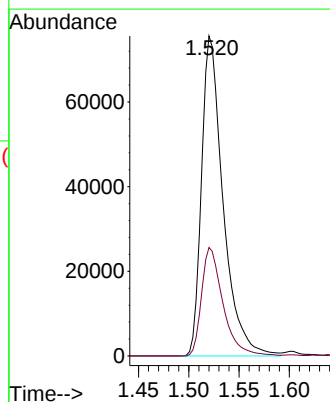
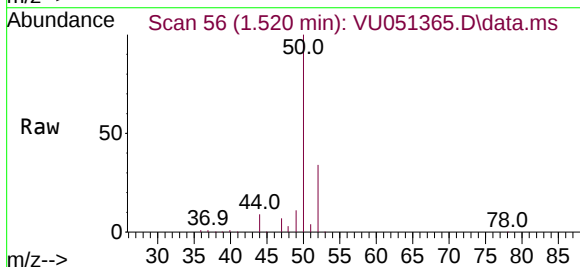
Instrument :
MSVOA_U
ClientSampleId :

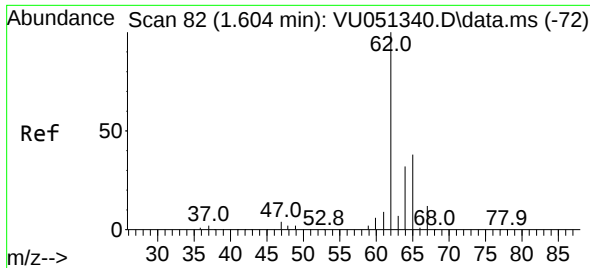
Tgt Ion: 85 Resp: 81022
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.4



#3
Chloromethane
Concen: 4.902 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion: 50 Resp: 112846
Ion Ratio Lower Upper
50 100
52 33.9 22.9 42.5

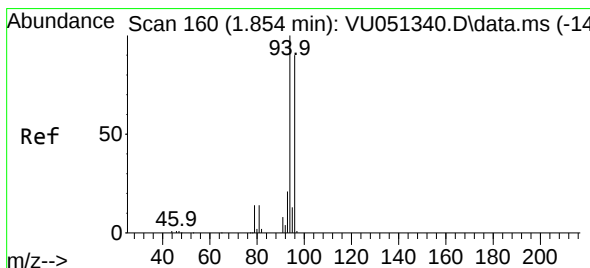
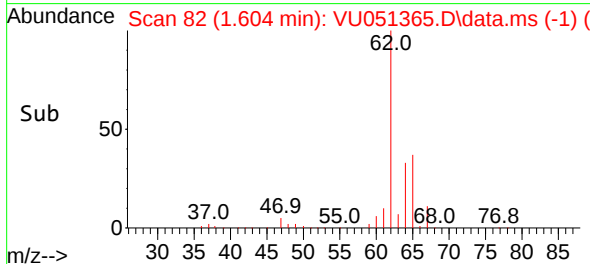
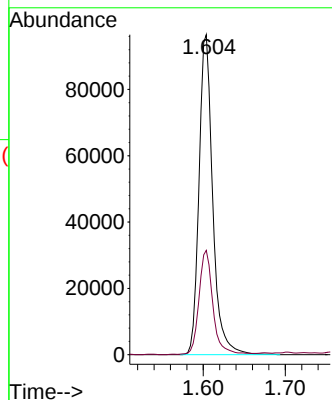
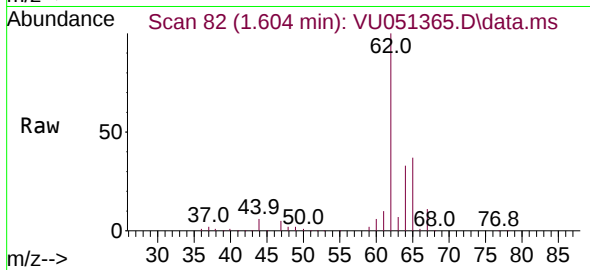




#5
 Vinyl chloride
 Concen: 4.948 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051365.D
 Acq: 11 Oct 2022 07:26

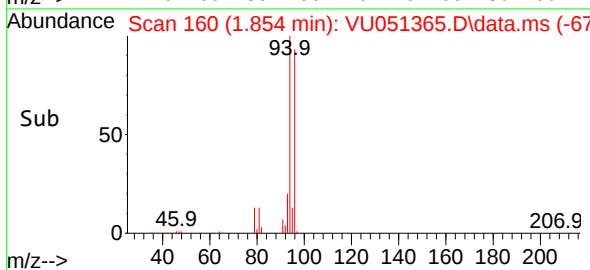
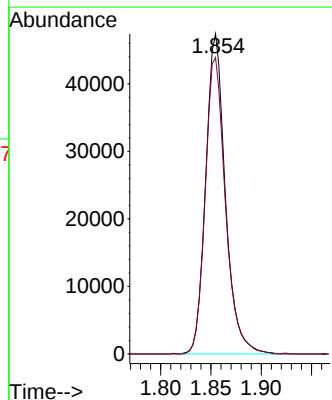
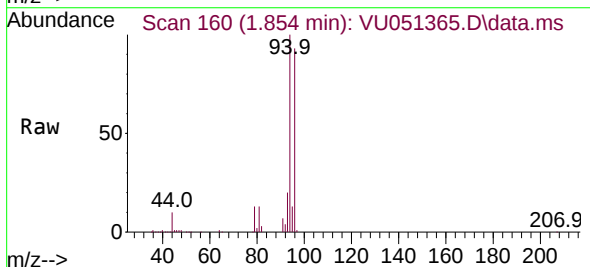
Instrument :
 MSVOA_U
 ClientSampleId :

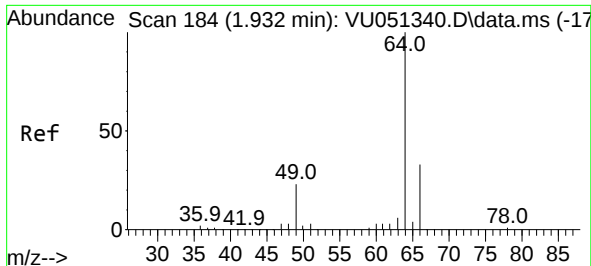
Tgt Ion: 62 Resp: 111718
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.0 44.6



#6
 Bromomethane
 Concen: 5.235 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU051365.D
 Acq: 11 Oct 2022 07:26

Tgt Ion: 94 Resp: 64364
 Ion Ratio Lower Upper
 94 100
 96 92.6 64.9 120.5

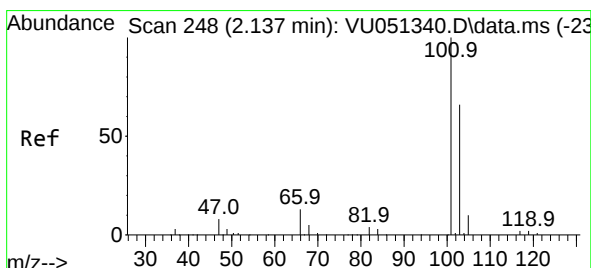
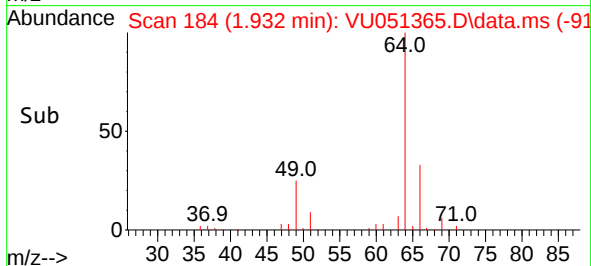
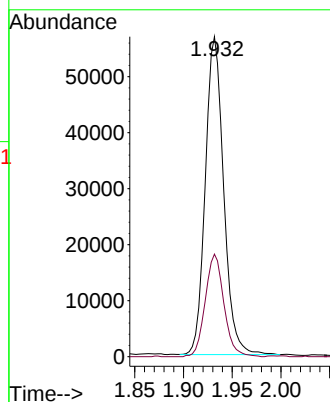
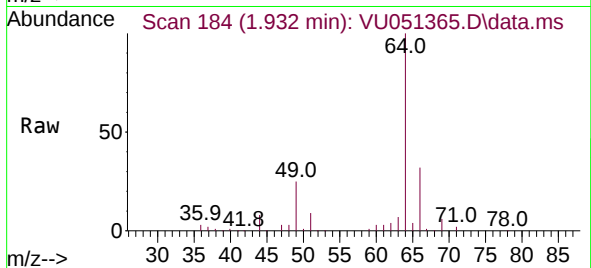




#8
Chloroethane
Concen: 5.171 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

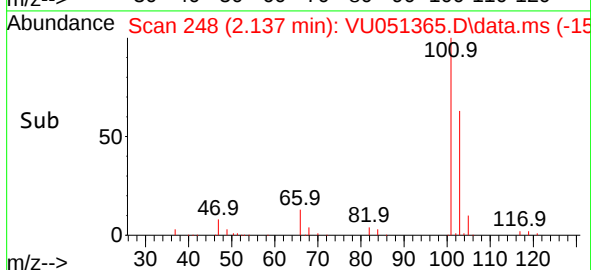
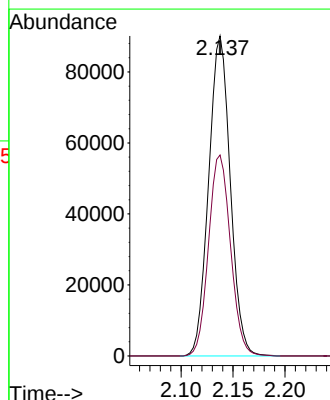
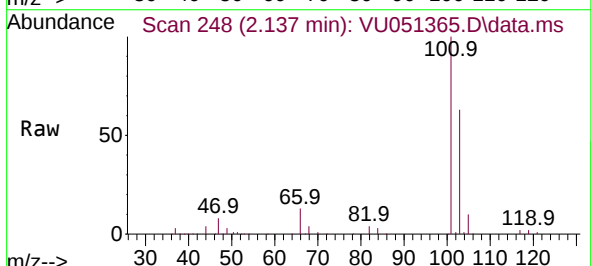
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MSVOA_U
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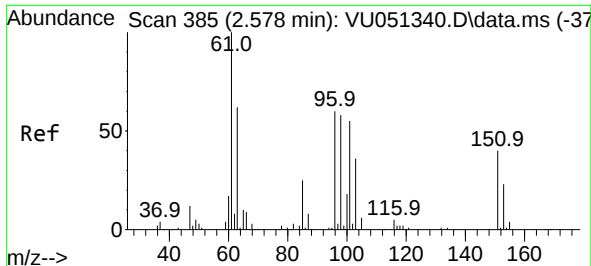
Tgt Ion: 64 Resp: 74456
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.010 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion:101 Resp: 130383
Ion Ratio Lower Upper
101 100
103 63.8 52.2 78.2





#10

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

Concen: 4.722 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU051365.D

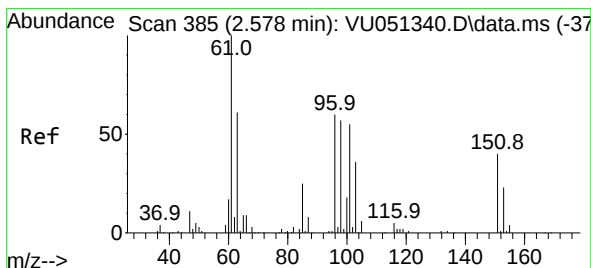
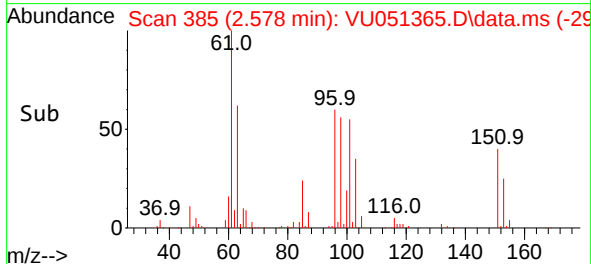
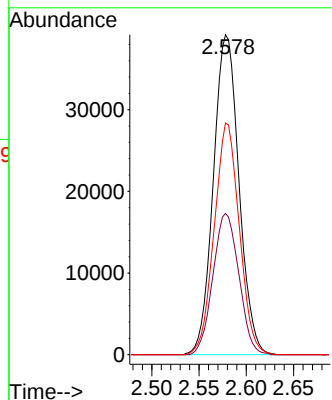
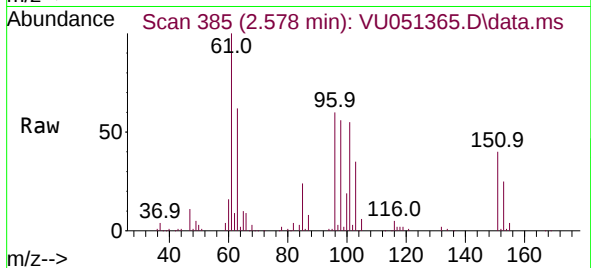
Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	73754
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.6	51.8
151	71.1	56.5	84.7



#12

1,1-Dichloroethene

Concen: 4.853 ug/L

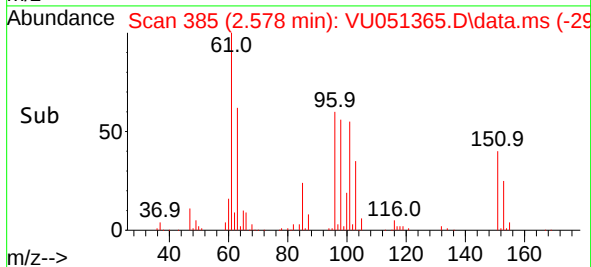
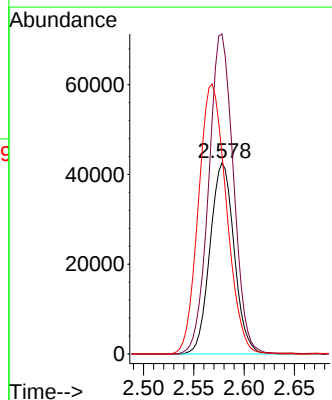
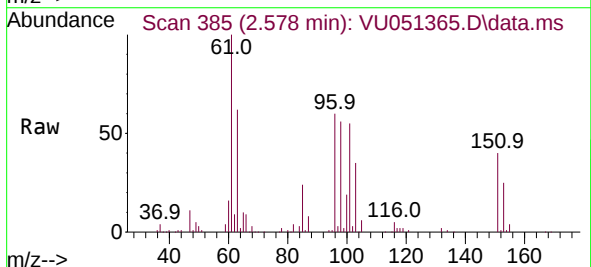
RT: 2.578 min Scan# 385

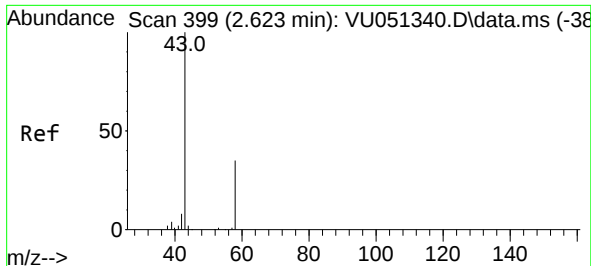
Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Tgt Ion:	96	Resp:	71124
Ion Ratio	Lower	Upper	
96	100		
61	167.5	117.6	218.4
63	104.7	85.2	158.2





#13

Acetone

Concen: 49.329 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

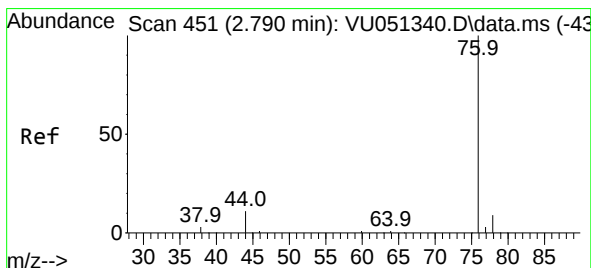
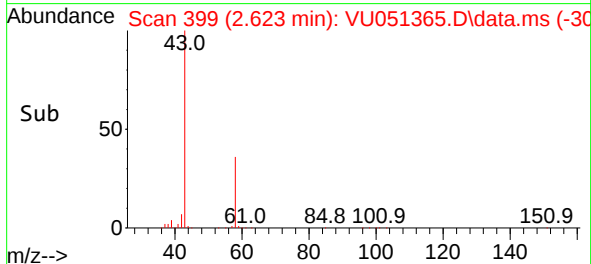
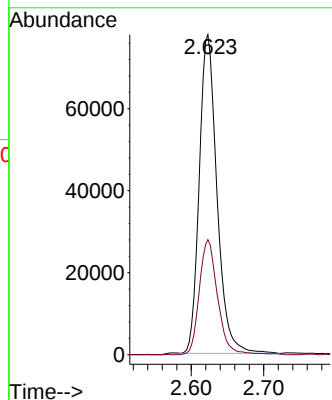
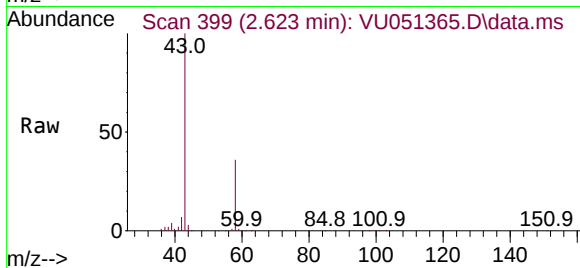
ClientSampleId :

Tgt Ion: 43 Resp: 132047

Ion Ratio Lower Upper

43 100

58 36.9 0.0 68.8



#14

Carbon disulfide

Concen: 4.875 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051365.D

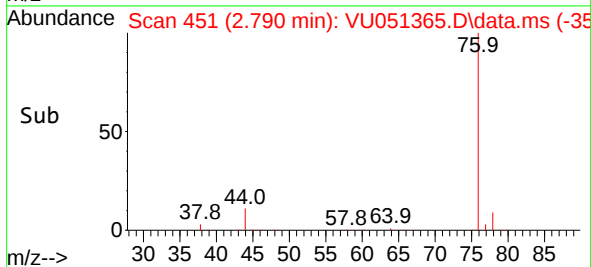
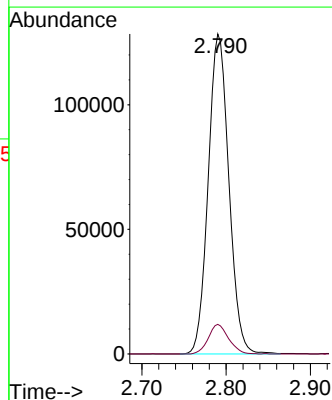
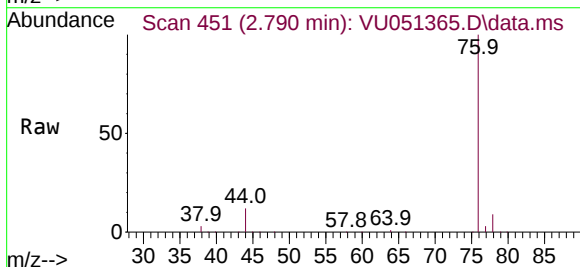
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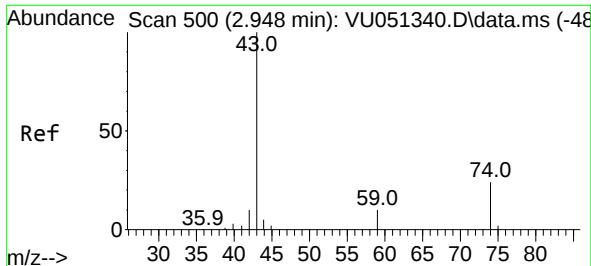
Tgt Ion: 76 Resp: 218832

Ion Ratio Lower Upper

76 100

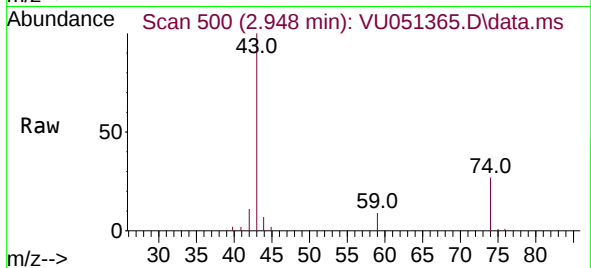
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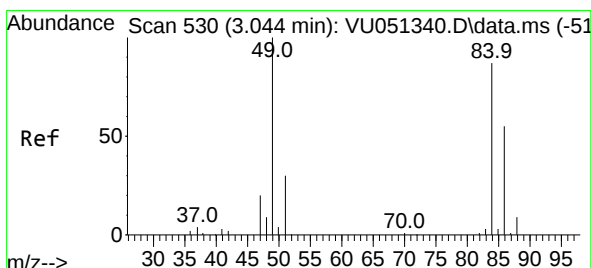
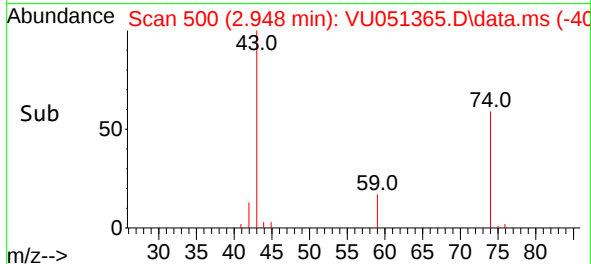
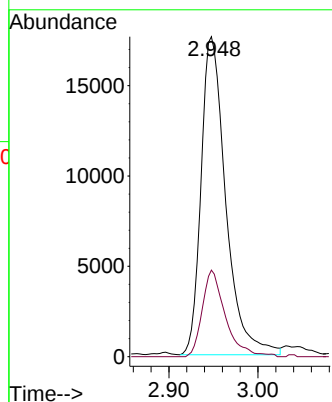


#15
Methyl Acetate
Concen: 5.217 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Instrument :
MSVOA_U
ClientSampleId :

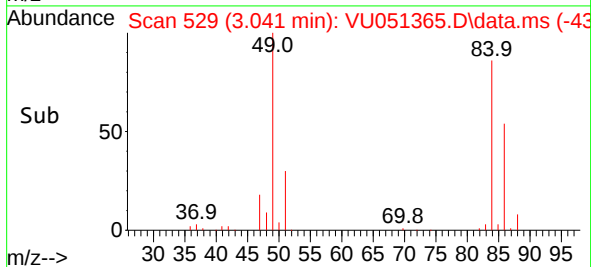
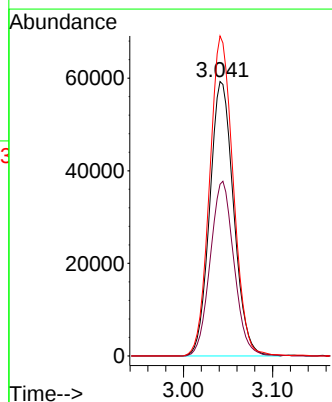
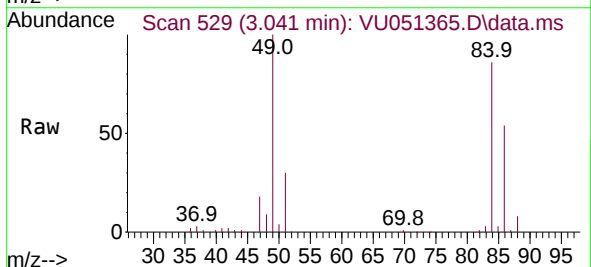


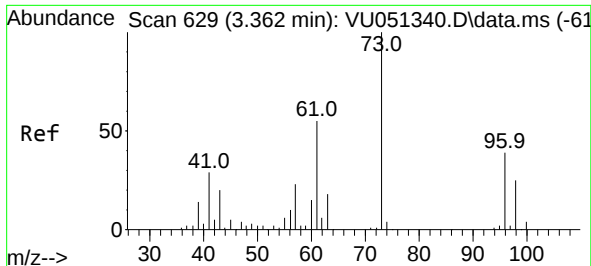
Tgt Ion: 43 Resp: 33952
Ion Ratio Lower Upper
43 100
74 25.4 20.0 30.0



#16
Methylene chloride
Concen: 5.100 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion: 84 Resp: 110372
Ion Ratio Lower Upper
84 100
86 62.6 46.5 86.3
49 116.6 81.3 151.1

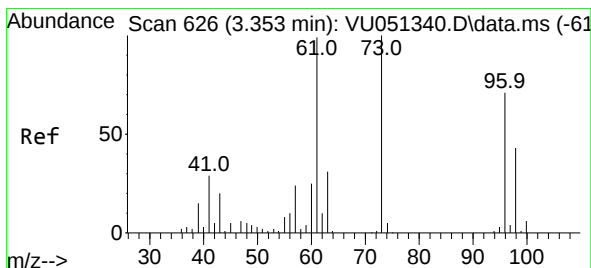
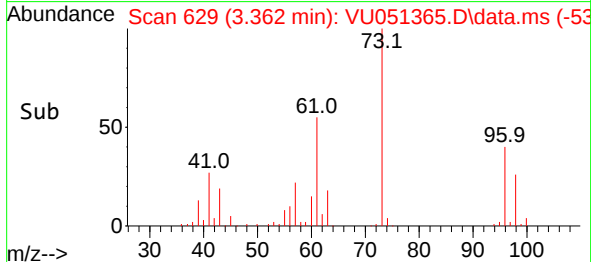
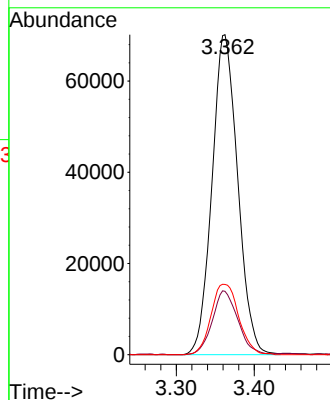
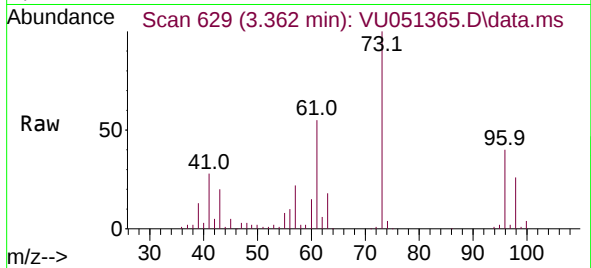




#17
Methyl tert-butyl Ether
Concen: 4.790 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

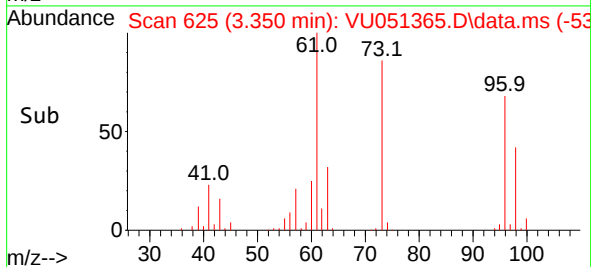
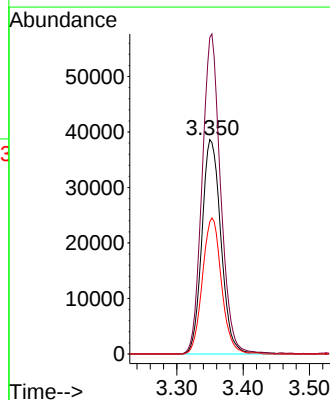
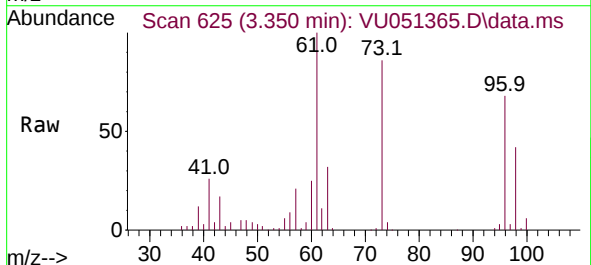
Instrument :
MSVOA_U
ClientSampleId :

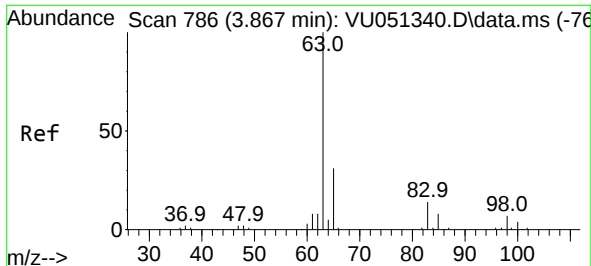
Tgt Ion: 73 Resp: 160802
Ion Ratio Lower Upper
73 100
43 19.9 15.4 23.0
57 23.7 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 5.016 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion: 96 Resp: 77333
Ion Ratio Lower Upper
96 100
61 147.6 101.4 188.2
98 61.6 44.9 83.5

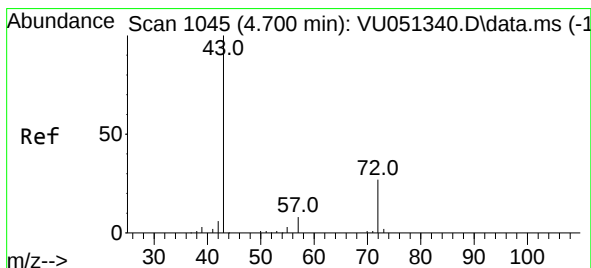
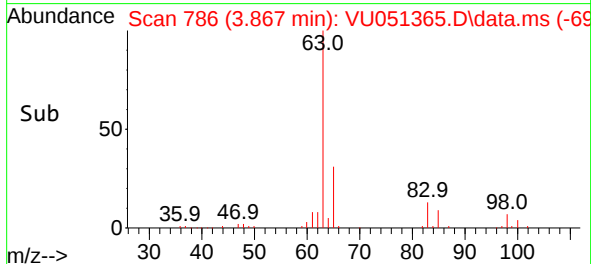
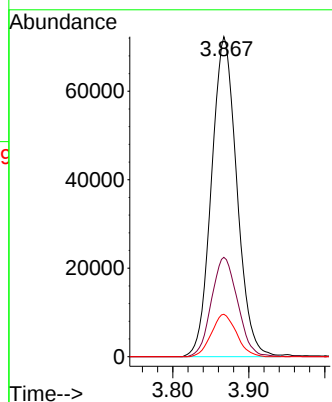
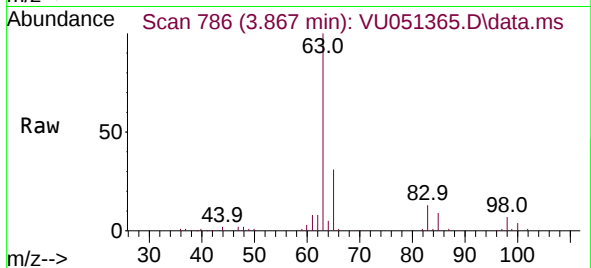




#19
1,1-Dichloroethane
Concen: 5.263 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

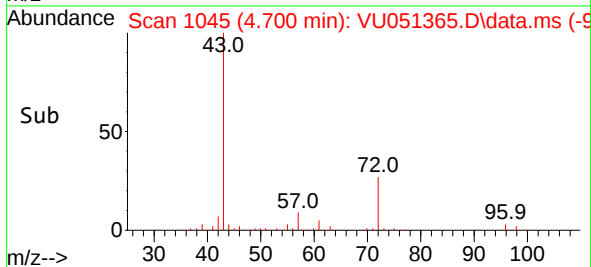
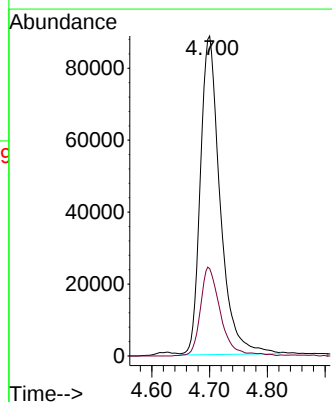
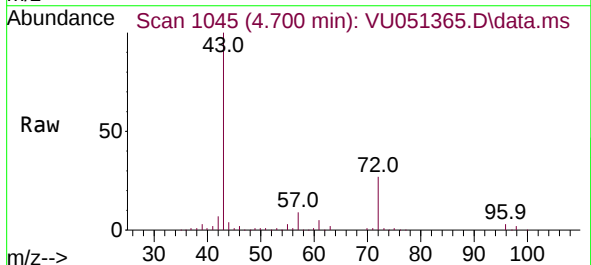
Instrument :
MSVOA_U
ClientSampleId :

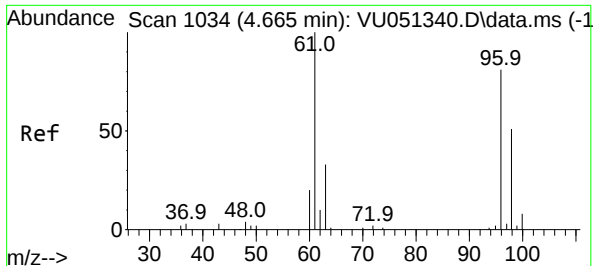
Tgt Ion: 63 Resp: 167451
Ion Ratio Lower Upper
63 100
65 31.1 22.0 41.0
83 13.2 9.0 16.6



#21
2-Butanone
Concen: 49.908 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

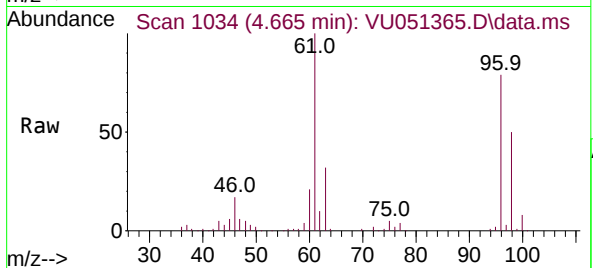
Tgt Ion: 43 Resp: 210547
Ion Ratio Lower Upper
43 100
72 28.0 13.8 41.4



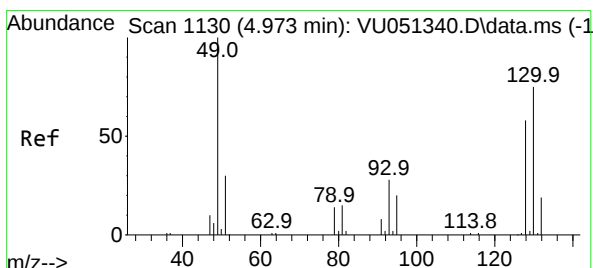
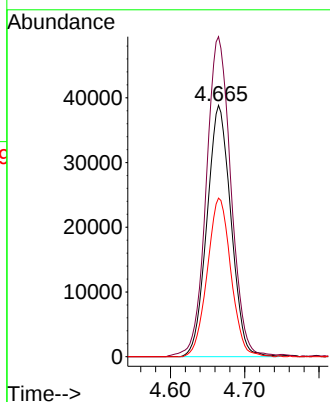
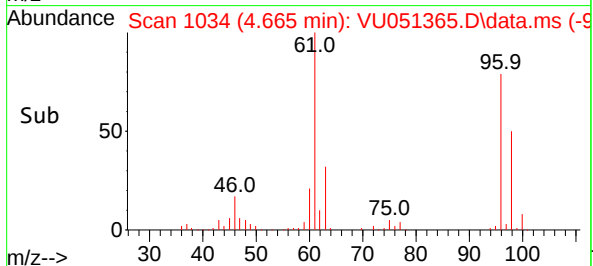


#22
 cis-1,2-Dichloroethene
 Concen: 5.107 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051365.D
 Acq: 11 Oct 2022 07:26

Instrument :
 MSVOA_U
 ClientSampleId :

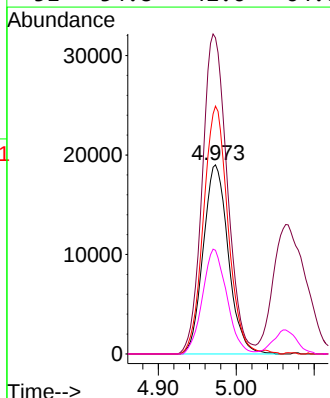
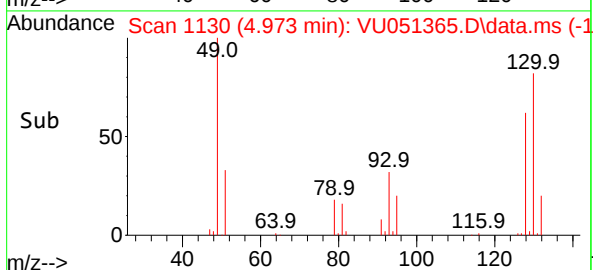
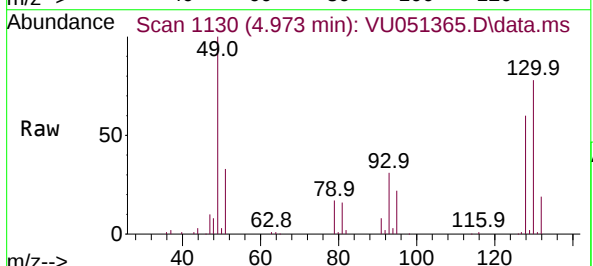


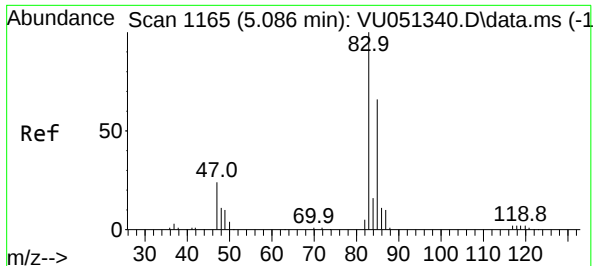
Tgt Ion:	96	Resp:	87215
Ion	Ratio	Lower	Upper
96	100		
61	127.3	90.6	168.2
98	63.1	47.5	88.3



#23
 Bromochloromethane
 Concen: 5.219 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051365.D
 Acq: 11 Oct 2022 07:26

Tgt Ion:	128	Resp:	42530
Ion	Ratio	Lower	Upper
128	100		
49	167.1	118.0	219.2
130	131.0	88.8	164.8
51	54.8	42.6	64.0





#25

Chloroform

Concen: 5.261 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

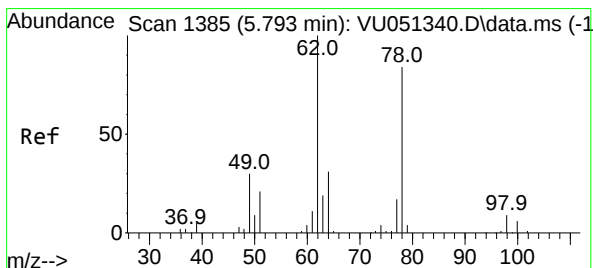
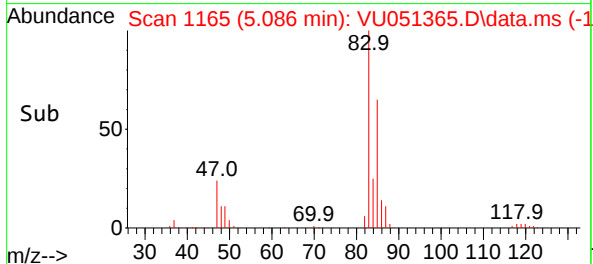
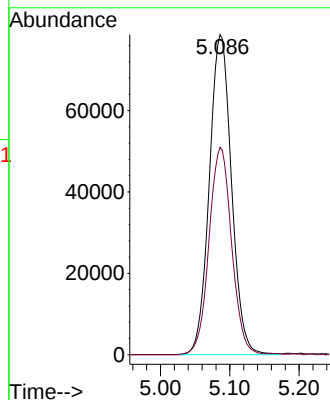
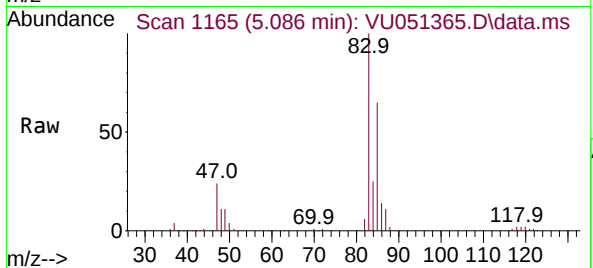
ClientSampleId :

Tgt Ion: 83 Resp: 174824

Ion Ratio Lower Upper

83 100

85 64.8 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.386 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051365.D

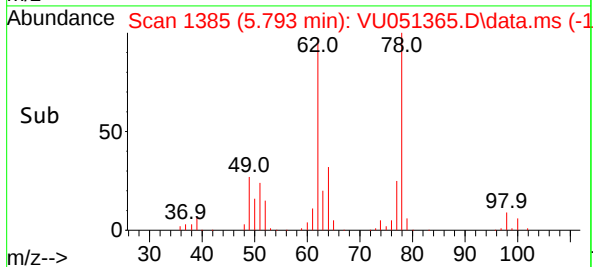
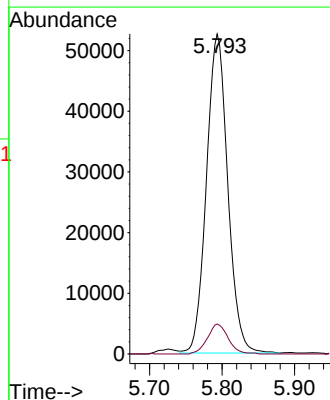
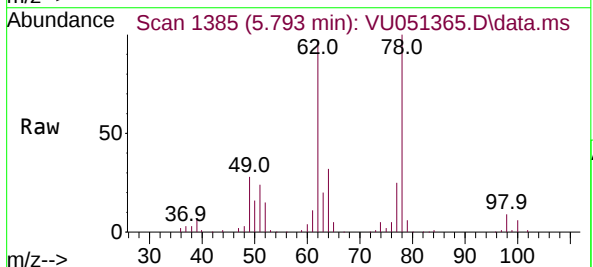
Acq: 11 Oct 2022 07:26

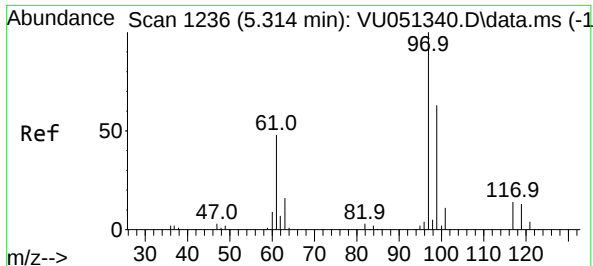
Tgt Ion: 62 Resp: 107215

Ion Ratio Lower Upper

62 100

98 9.4 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.853 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

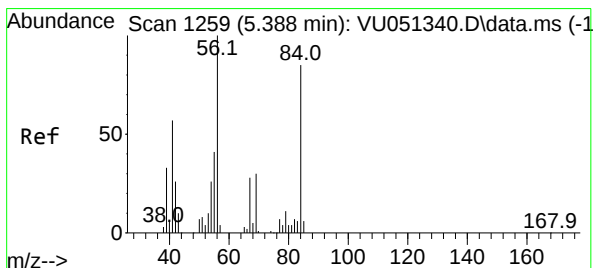
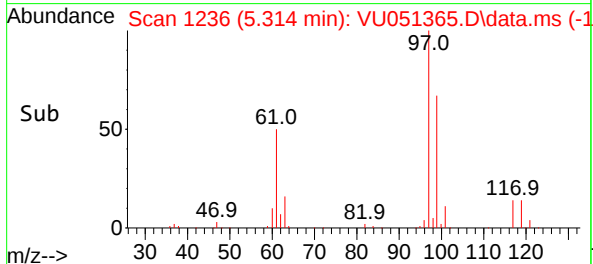
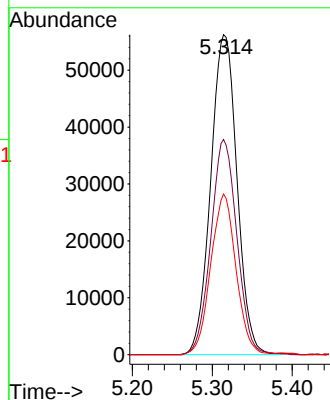
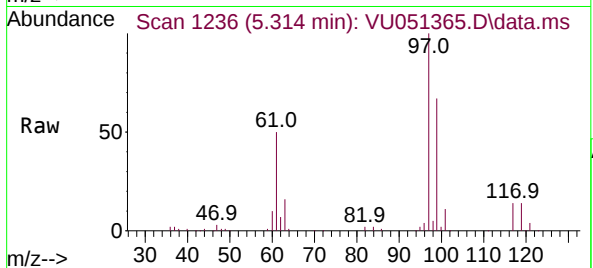
Tgt Ion: 97 Resp: 128335

Ion Ratio Lower Upper

97 100

99 66.7 50.2 75.4

61 48.2 38.7 58.1



#30

Cyclohexane

Concen: 4.080 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

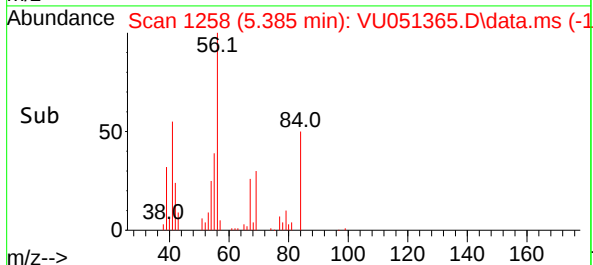
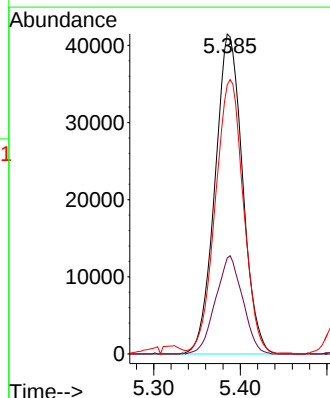
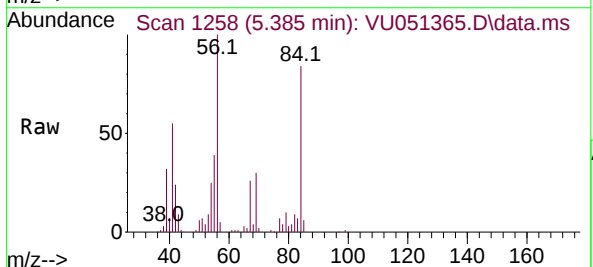
Tgt Ion: 56 Resp: 91517

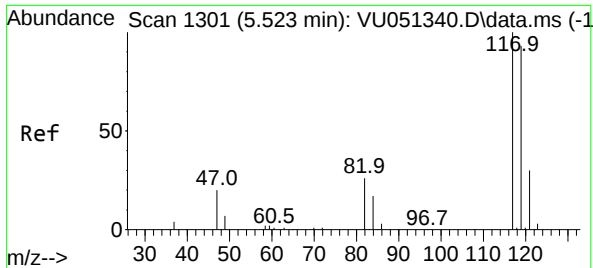
Ion Ratio Lower Upper

56 100

69 30.2 25.1 37.7

84 87.2 70.9 106.3

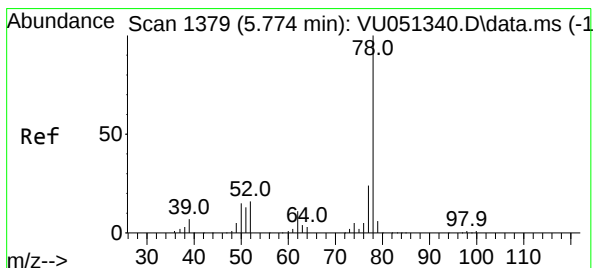
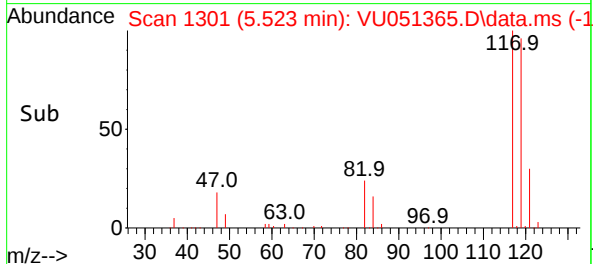
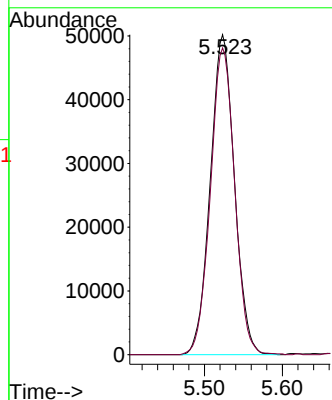
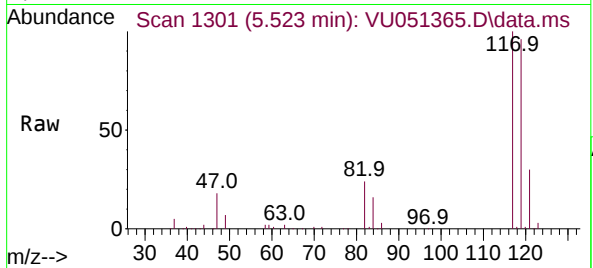




#31
Carbon tetrachloride
Concen: 4.842 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

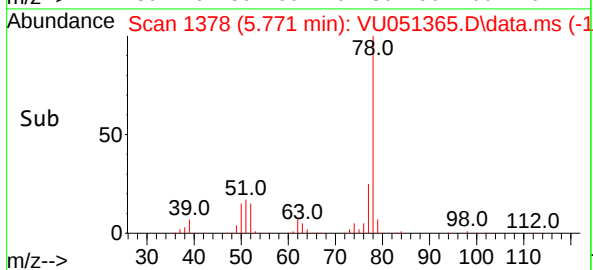
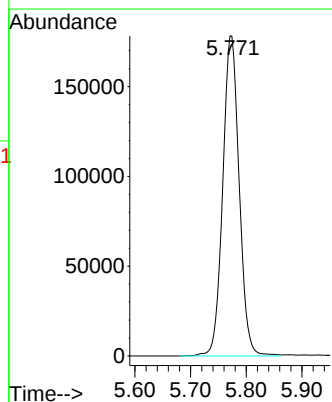
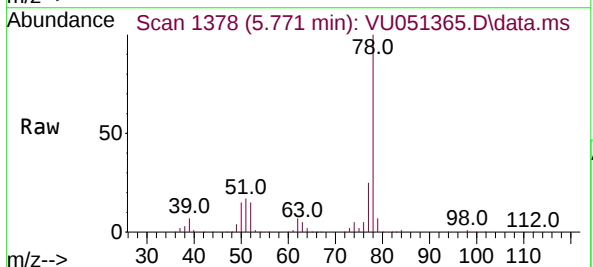
Instrument :
MSVOA_U
ClientSampleId :

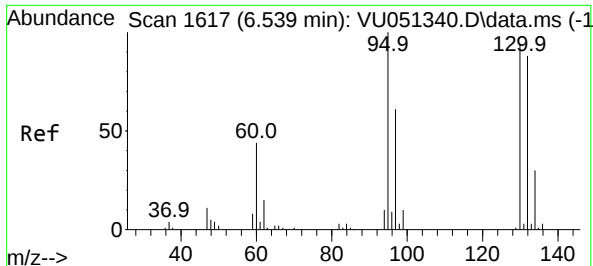
Tgt Ion:117 Resp: 108355
Ion Ratio Lower Upper
117 100
119 96.1 78.4 117.6



#33
Benzene
Concen: 4.968 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion: 78 Resp: 366036

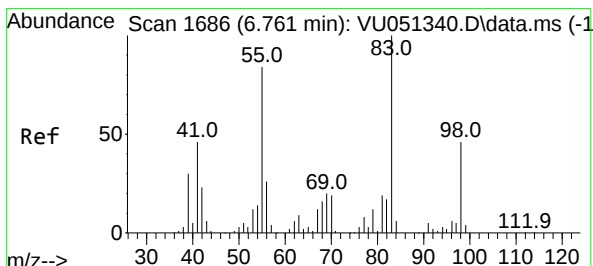
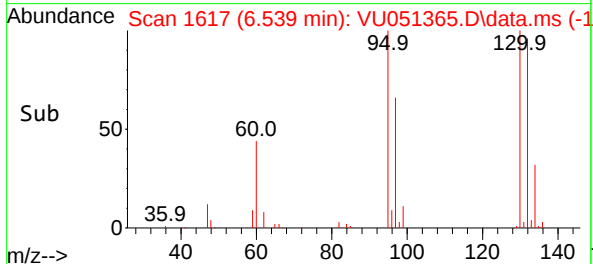
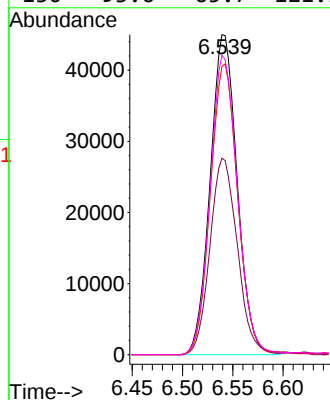
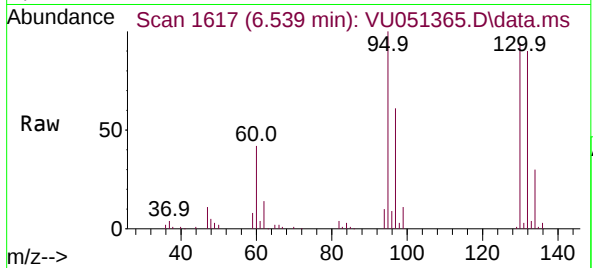




#34
Trichloroethene
Concen: 4.583 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

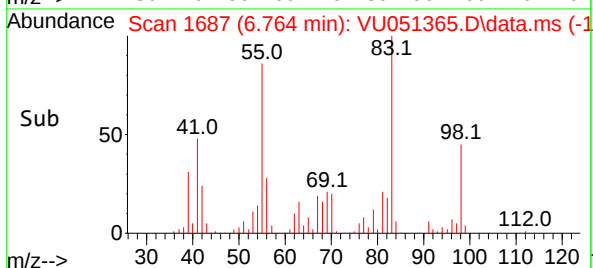
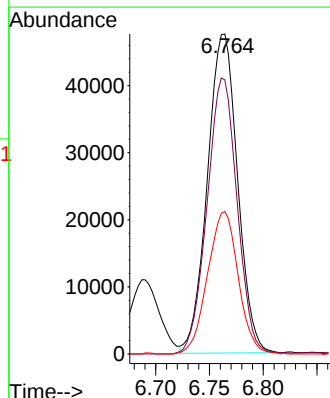
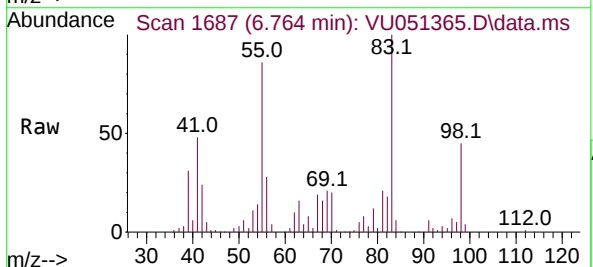
Instrument :
MSVOA_U
ClientSampleId :

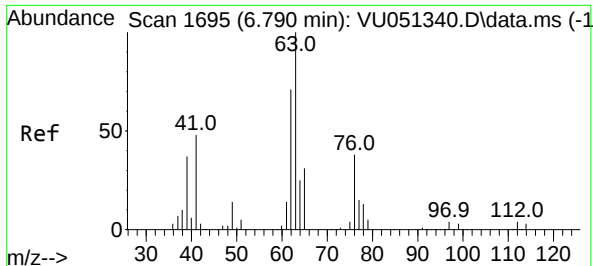
Tgt Ion: 95 Resp: 84248
Ion Ratio Lower Upper
95 100
97 61.4 45.4 84.2
132 90.1 63.1 117.3
130 93.6 65.7 121.9



#35
Methylcyclohexane
Concen: 4.009 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion: 83 Resp: 92983
Ion Ratio Lower Upper
83 100
55 86.2 65.8 98.6
98 45.2 35.9 53.9





#37

1,2-Dichloropropane

Concen: 4.979 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

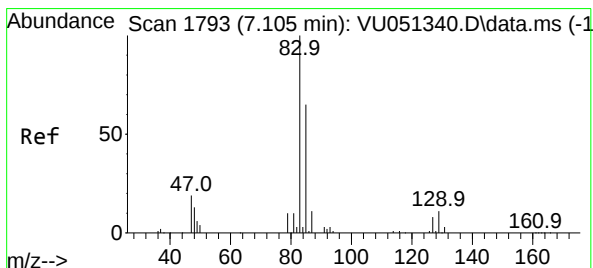
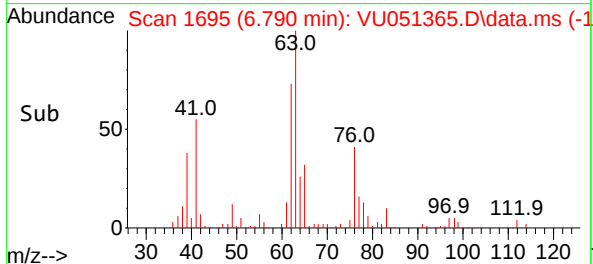
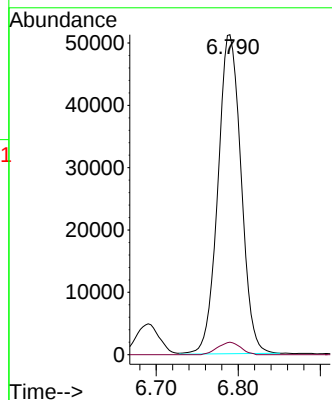
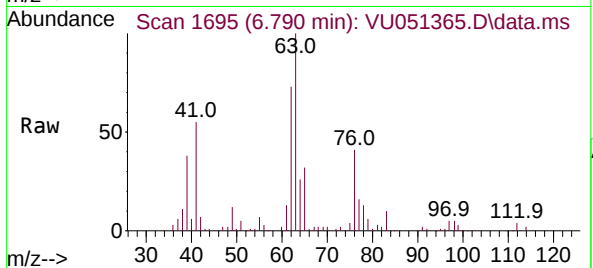
ClientSampleId :

Tgt Ion: 63 Resp: 100549

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 5.104 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

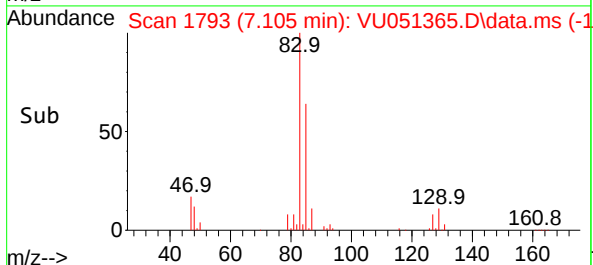
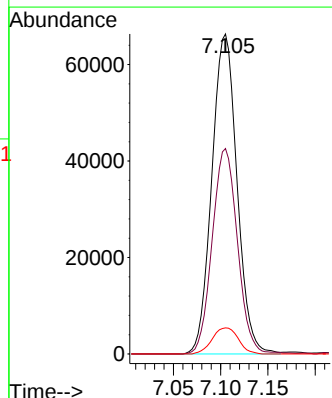
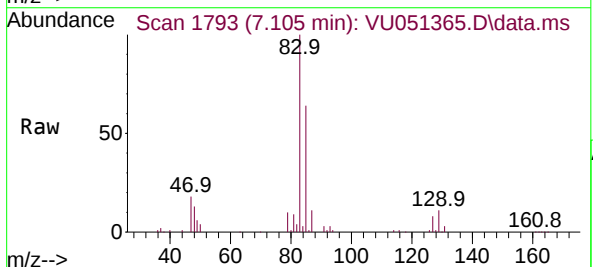
Tgt Ion: 83 Resp: 122967

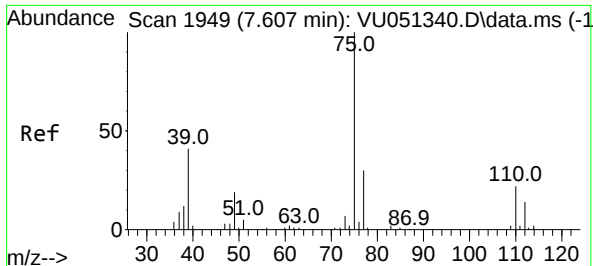
Ion Ratio Lower Upper

83 100

85 64.2 44.8 83.2

127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.359 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

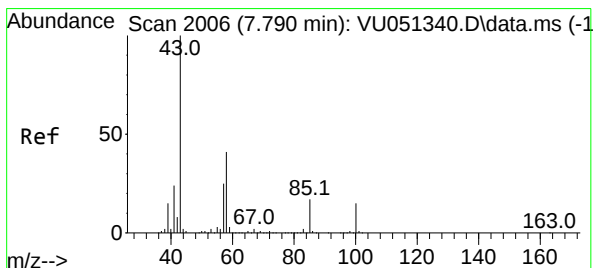
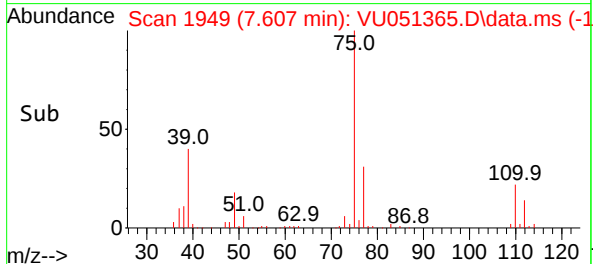
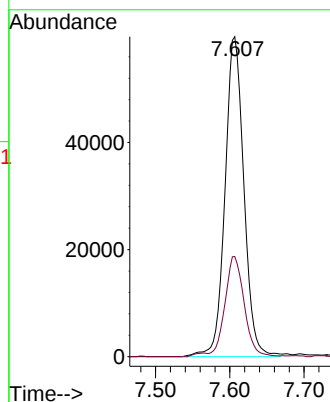
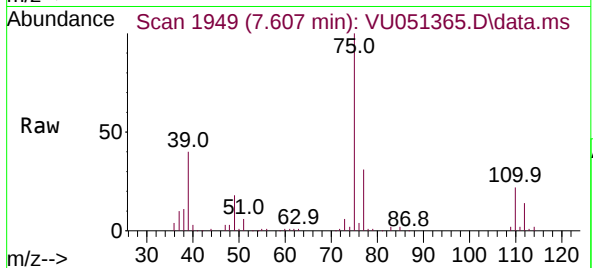
ClientSampleId :

Tgt Ion: 75 Resp: 105806

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 48.064 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

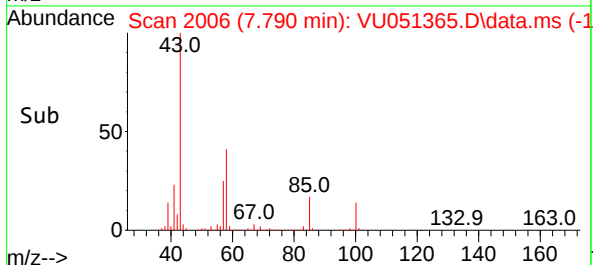
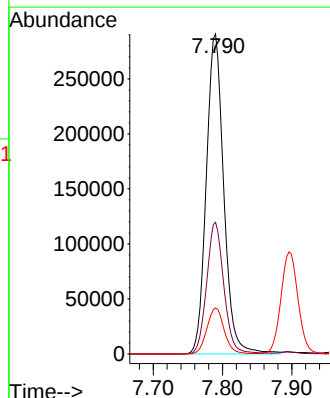
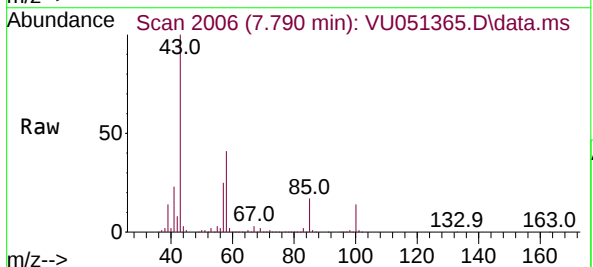
Tgt Ion: 43 Resp: 509279

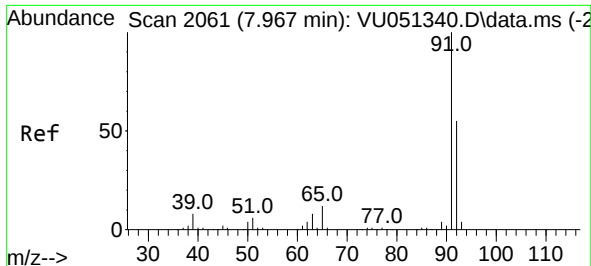
Ion Ratio Lower Upper

43 100

58 40.5 33.0 49.6

100 14.2 11.8 17.6





#42

Toluene

Concen: 4.880 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

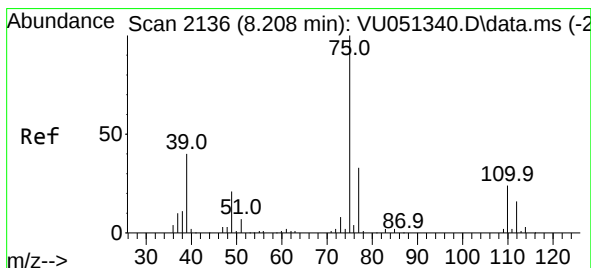
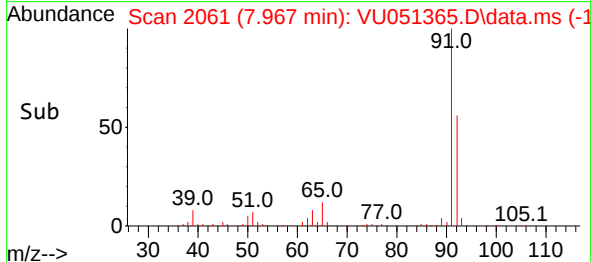
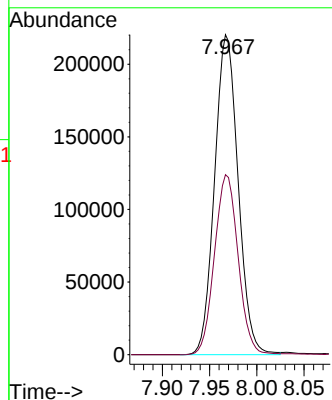
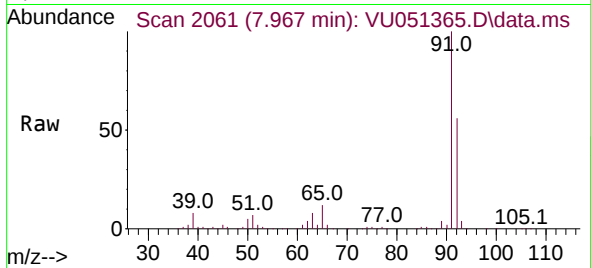
ClientSampleId :

Tgt Ion: 91 Resp: 381643

Ion Ratio Lower Upper

91 100

92 56.2 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.682 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051365.D

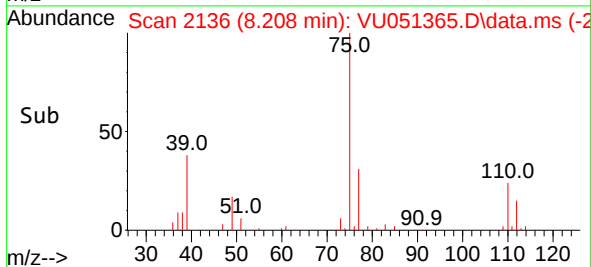
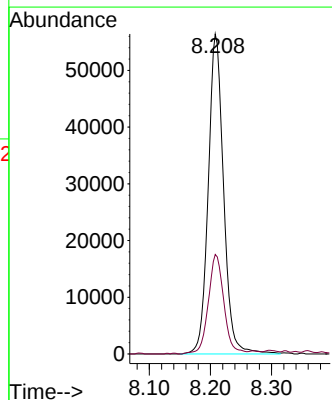
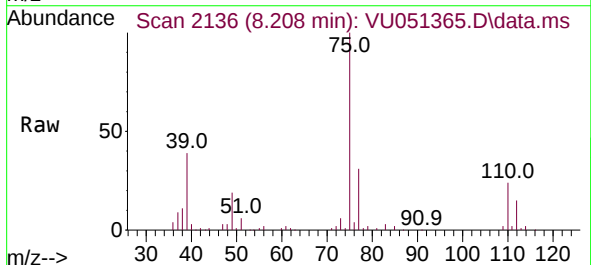
Acq: 11 Oct 2022 07:26

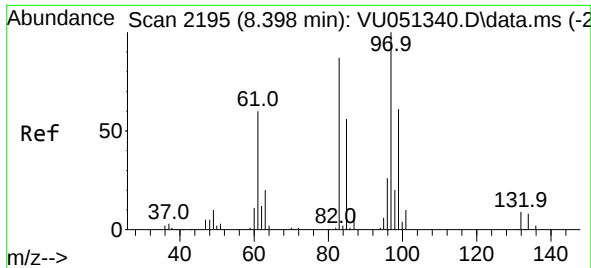
Tgt Ion: 75 Resp: 98278

Ion Ratio Lower Upper

75 100

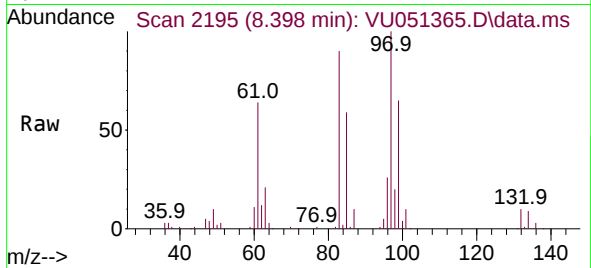
77 31.1 21.8 40.6



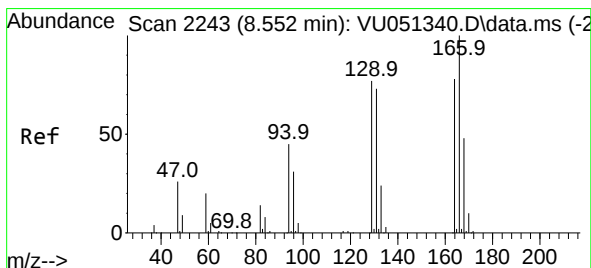
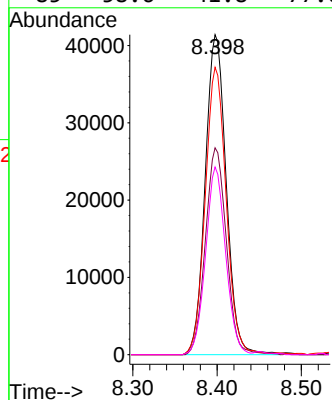
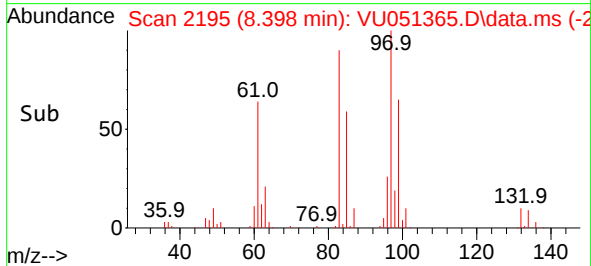


#45
1,1,2-Trichloroethane
Concen: 5.064 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

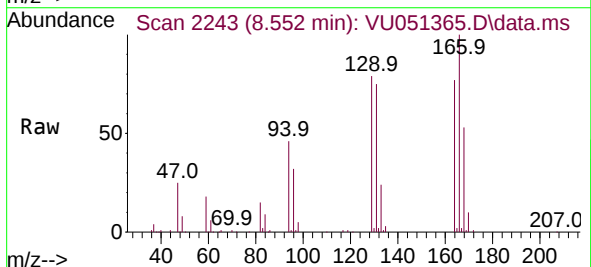
Instrument :
MSVOA_U
ClientSampleId :



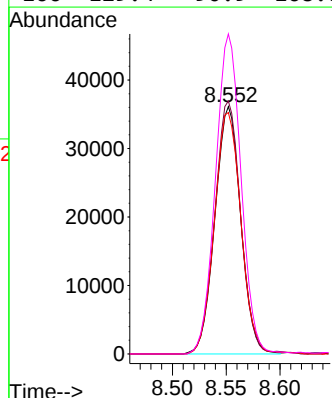
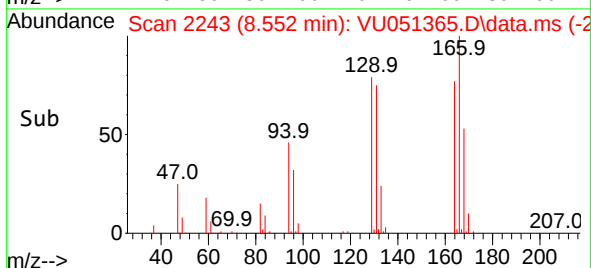
Tgt Ion:	97	Resp:	71806
Ion	Ratio	Lower	Upper
97	100		
99	64.6	45.3	84.1
83	89.8	63.1	117.1
85	58.6	41.8	77.6

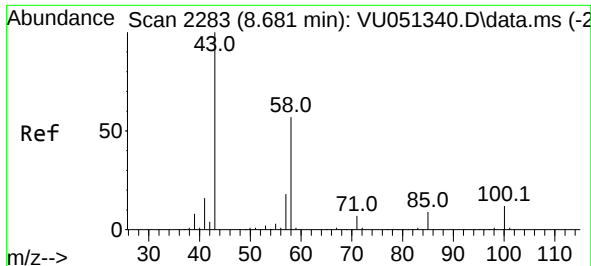


#47
Tetrachloroethene
Concen: 4.465 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26



Tgt Ion:	164	Resp:	60340
Ion	Ratio	Lower	Upper
164	100		
129	102.3	71.3	132.3
131	97.6	66.9	124.3
166	129.4	90.9	168.7

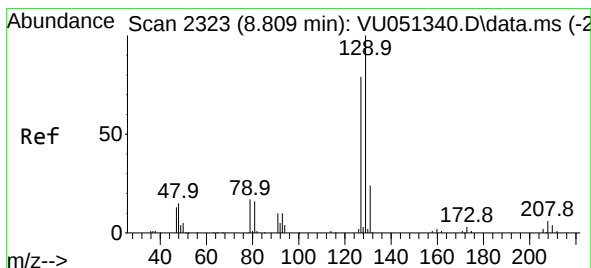
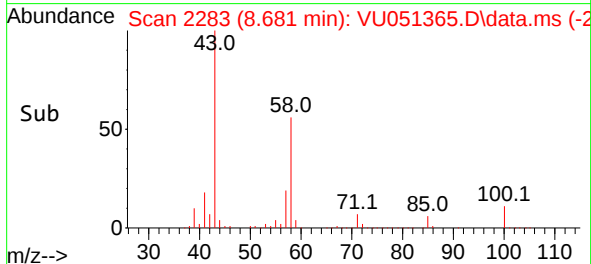
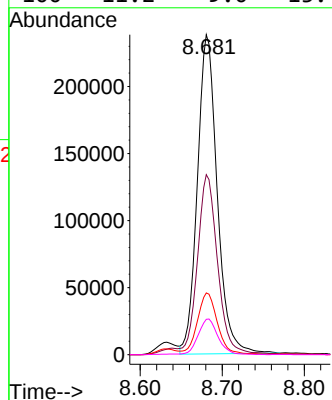
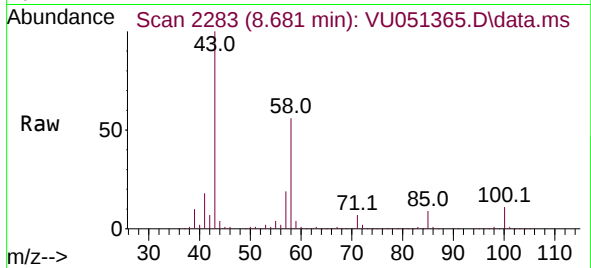




#48
2-Hexanone
Concen: 50.756 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

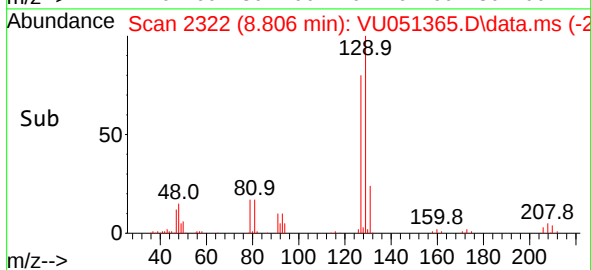
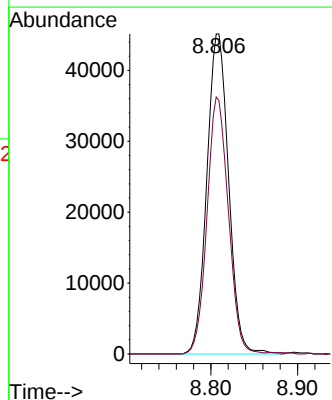
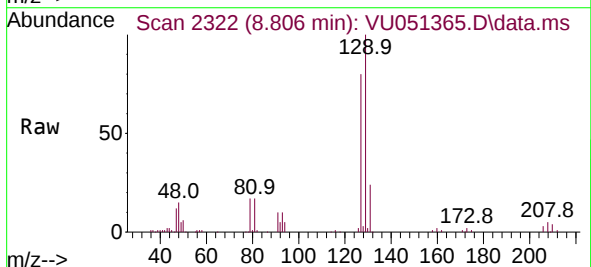
Instrument :
MSVOA_U
ClientSampleId :

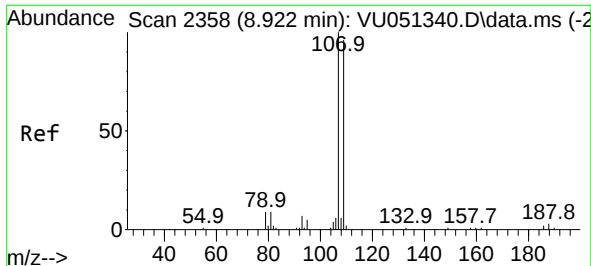
Tgt Ion: 43 Resp: 400437
Ion Ratio Lower Upper
43 100
58 56.8 48.2 72.2
57 19.8 15.5 23.3
100 11.2 9.0 13.4



#49
Dibromochloromethane
Concen: 4.946 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

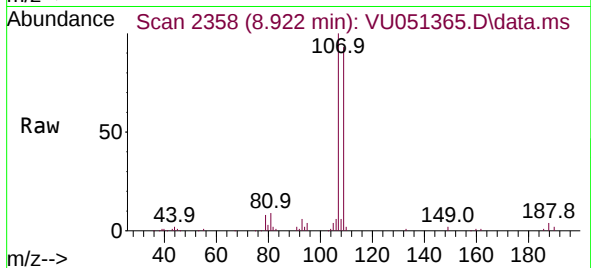
Tgt Ion:129 Resp: 78746
Ion Ratio Lower Upper
129 100
127 80.3 53.5 99.3



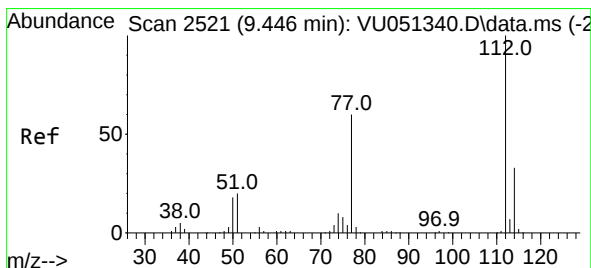
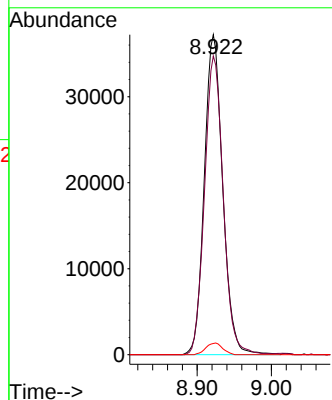
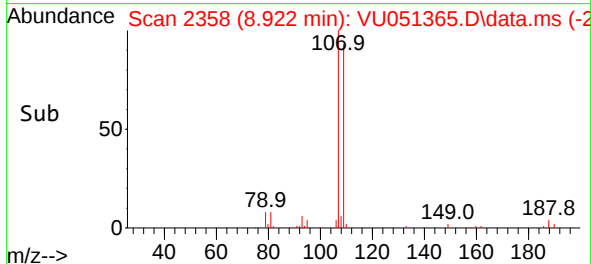


#50
1,2-Dibromoethane
Concen: 5.066 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Instrument :
MSVOA_U
ClientSampleId :

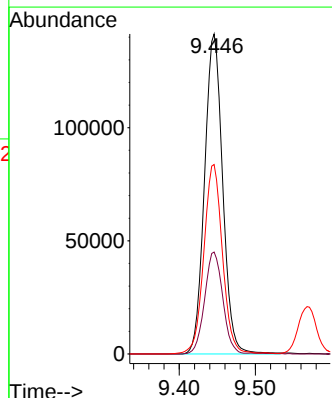
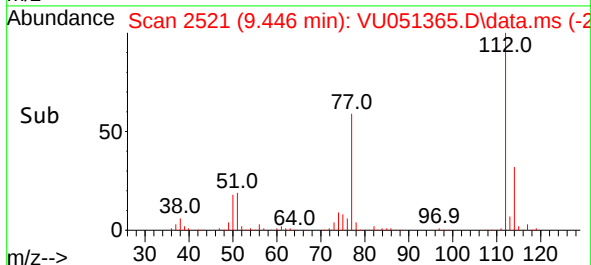
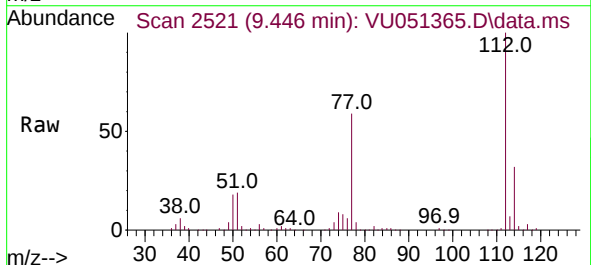


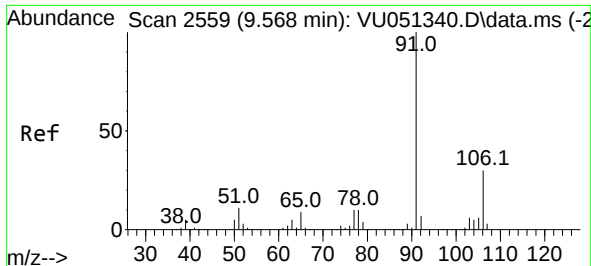
Tgt Ion:107 Resp: 63946
Ion Ratio Lower Upper
107 100
109 93.3 67.1 124.7
188 3.5 2.5 3.7



#51
Chlorobenzene
Concen: 5.018 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion:112 Resp: 234522
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 59.2 48.1 72.1

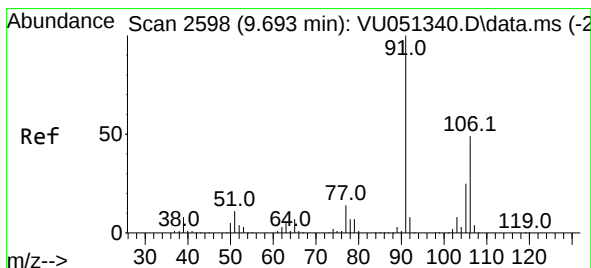
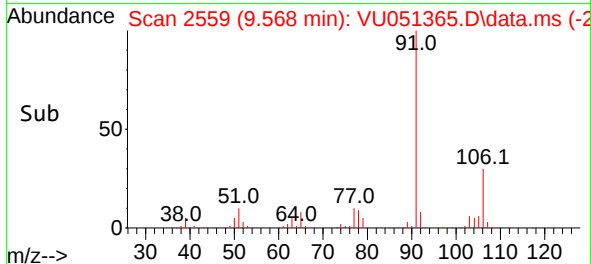
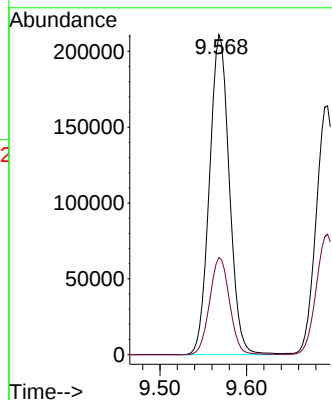
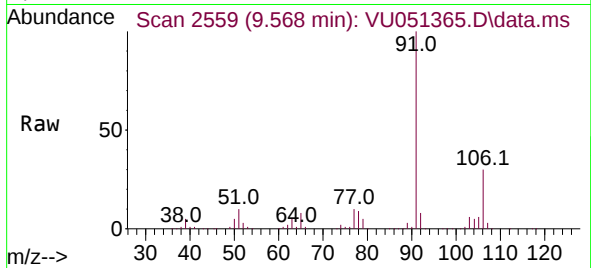




#52
Ethylbenzene
Concen: 4.793 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

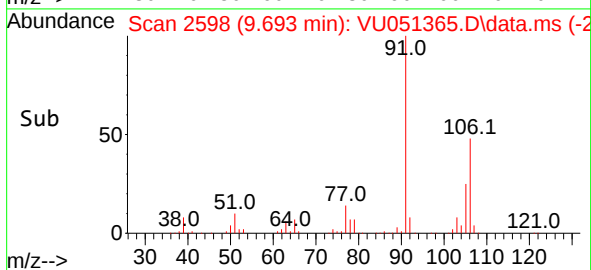
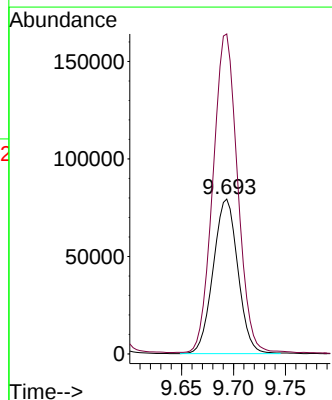
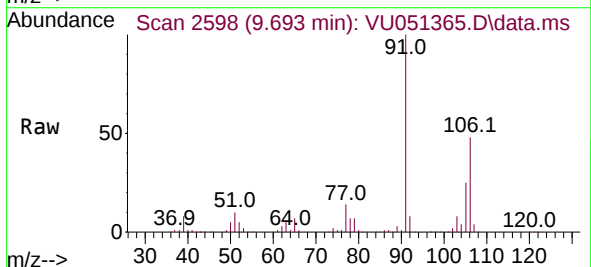
Instrument :
MSVOA_U
ClientSampleId :

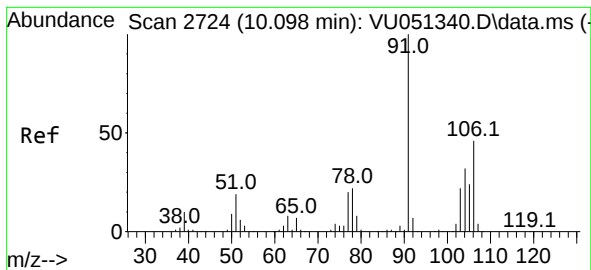
Tgt Ion: 91 Resp: 336858
Ion Ratio Lower Upper
91 100
106 30.3 20.9 38.7



#53
m,p-Xylene
Concen: 4.802 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion: 106 Resp: 130910
Ion Ratio Lower Upper
106 100
91 206.6 143.9 267.3





#54

o-Xylene

Concen: 4.967 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

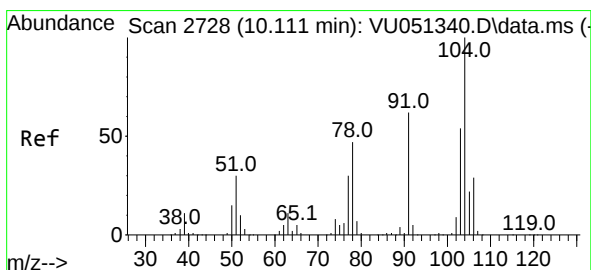
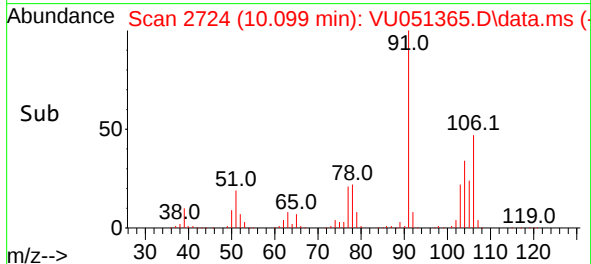
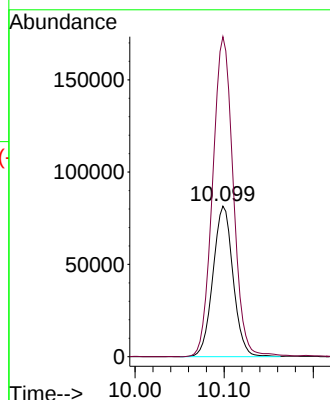
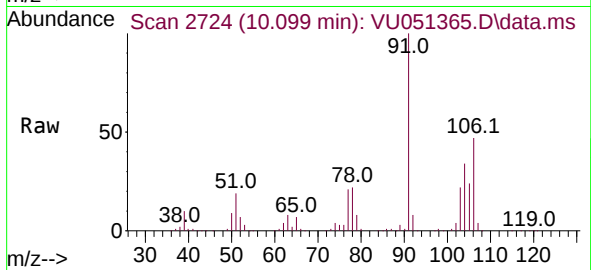
ClientSampleId :

Tgt Ion:106 Resp: 128122

Ion Ratio Lower Upper

106 100

91 212.6 154.4 286.8



#55

Styrene

Concen: 5.175 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU051365.D

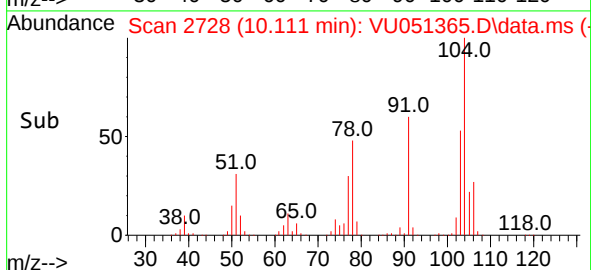
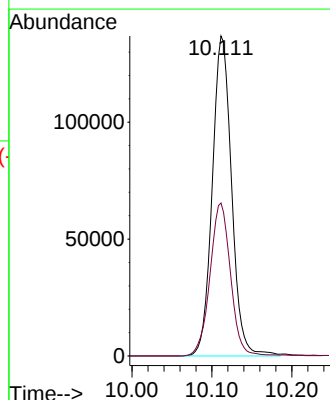
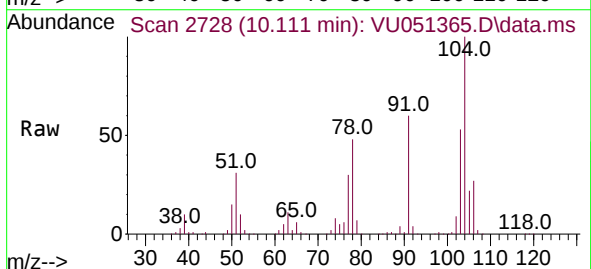
Acq: 11 Oct 2022 07:26

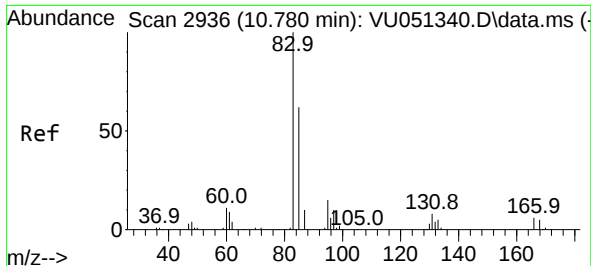
Tgt Ion:104 Resp: 229790

Ion Ratio Lower Upper

104 100

78 47.8 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.220 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

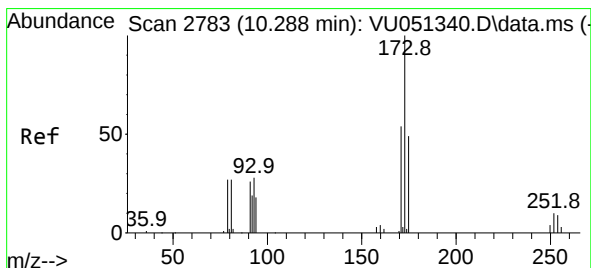
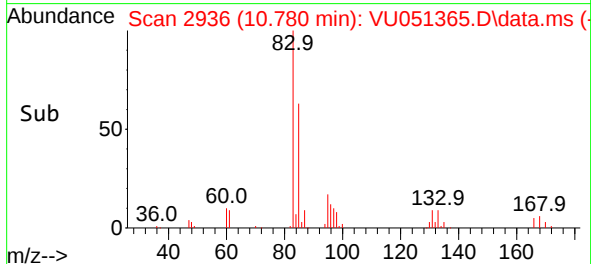
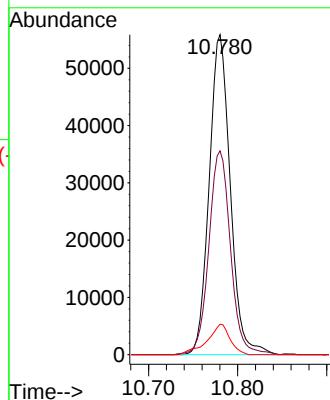
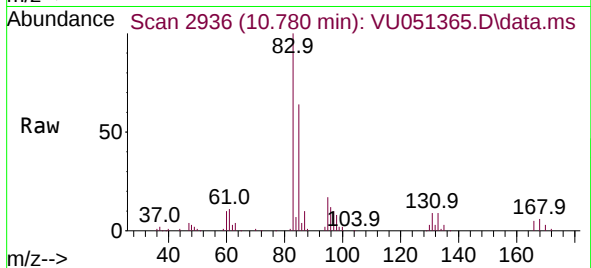
Tgt Ion: 83 Resp: 91631

Ion Ratio Lower Upper

83 100

85 63.7 45.9 85.3

131 9.5 7.4 11.2



#59

Bromoform

Concen: 4.543 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

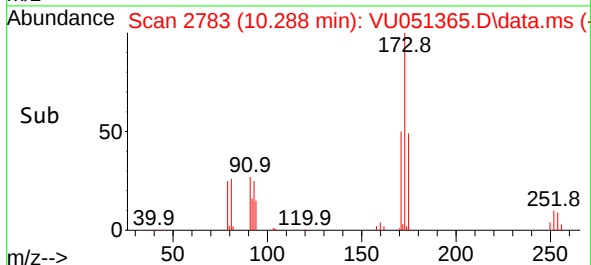
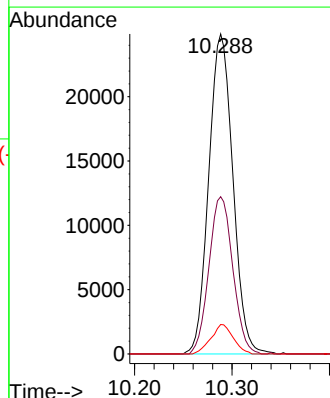
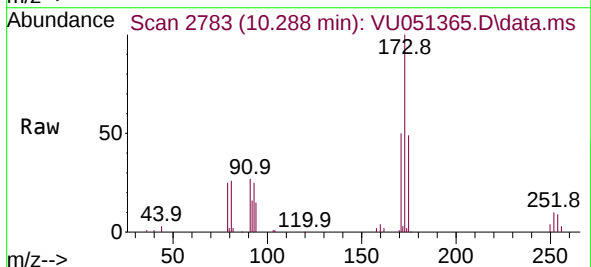
Tgt Ion: 173 Resp: 42789

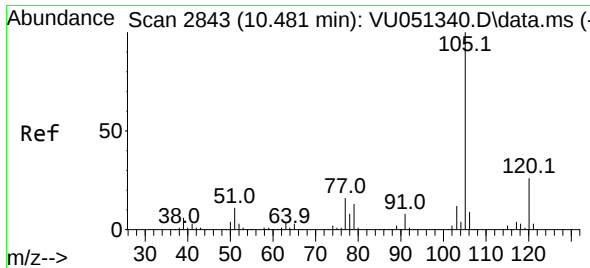
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.4

254 8.5 7.5 11.3

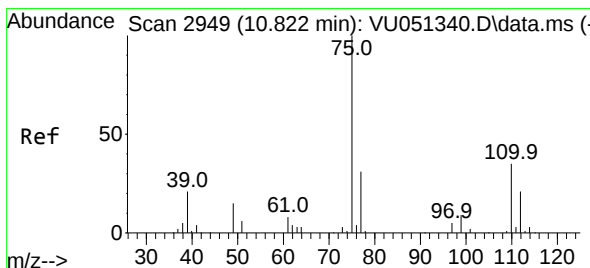
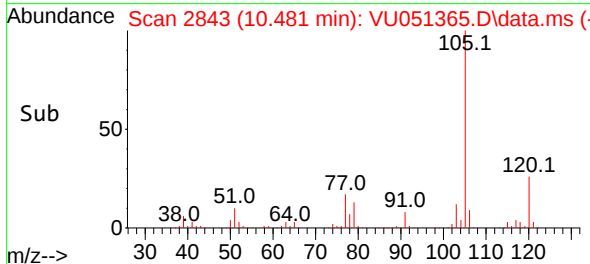
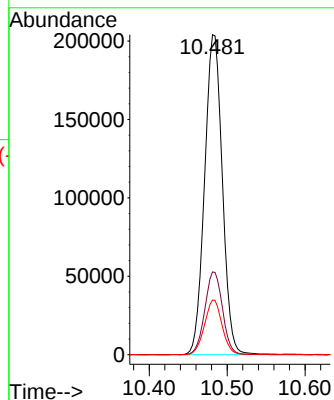
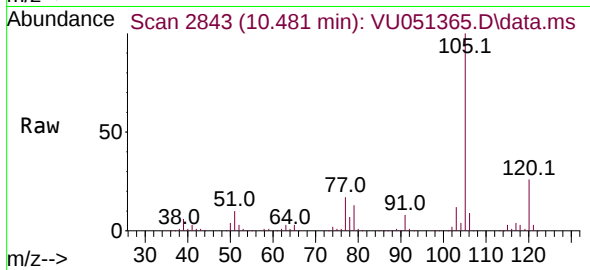




#60
Isopropylbenzene
Concen: 4.496 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

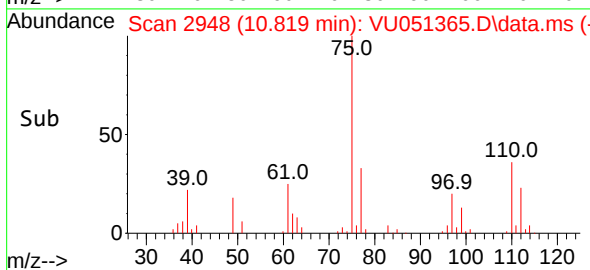
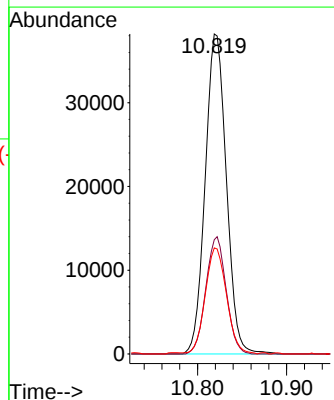
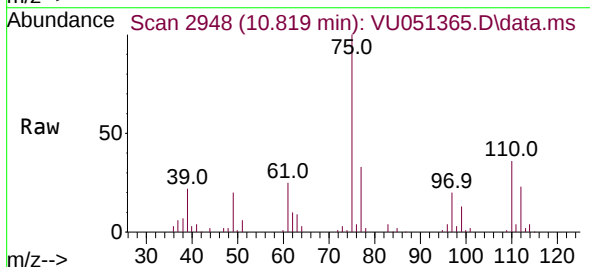
Instrument :
MSVOA_U
ClientSampleId :

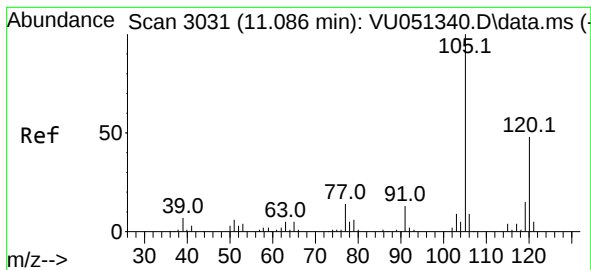
Tgt Ion:105 Resp: 322361
Ion Ratio Lower Upper
105 100
120 25.9 20.6 30.8
77 17.0 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 4.402 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion: 75 Resp: 62929
Ion Ratio Lower Upper
75 100
110 35.2 27.0 40.6
77 33.5 26.4 39.6





#62

1,3,5-Trimethylbenzene

Concen: 4.118 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

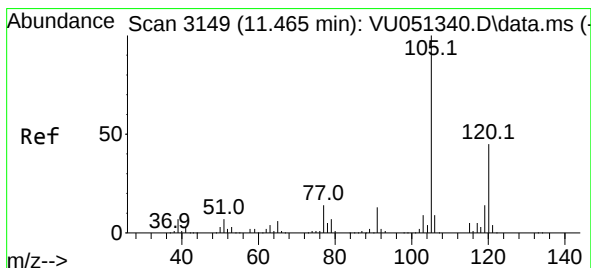
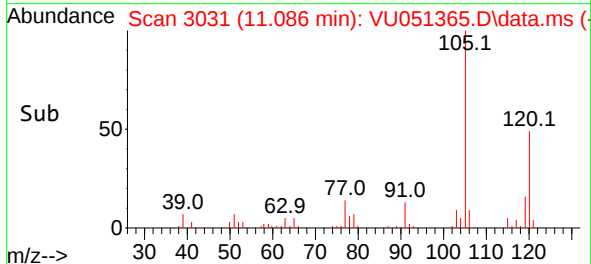
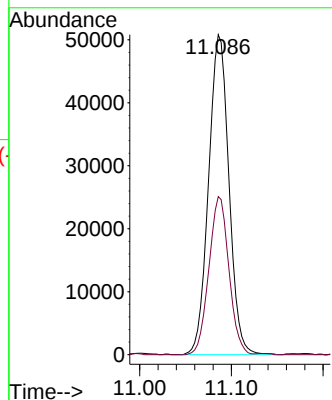
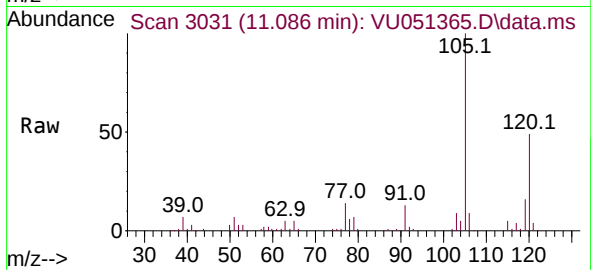
ClientSampleId :

Tgt Ion:105 Resp: 78327

Ion Ratio Lower Upper

105 100

120 48.5 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 4.158 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU051365.D

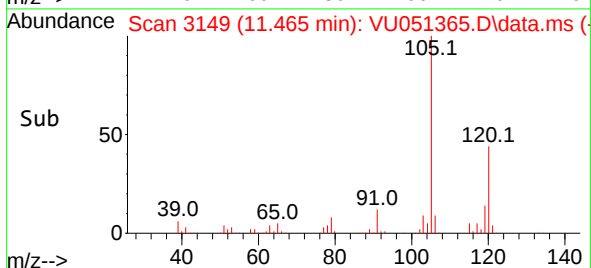
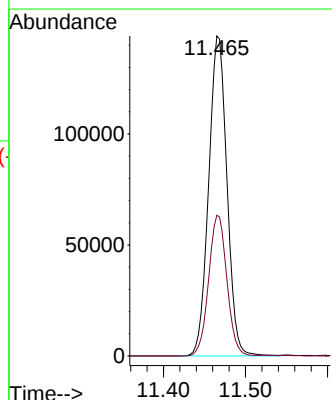
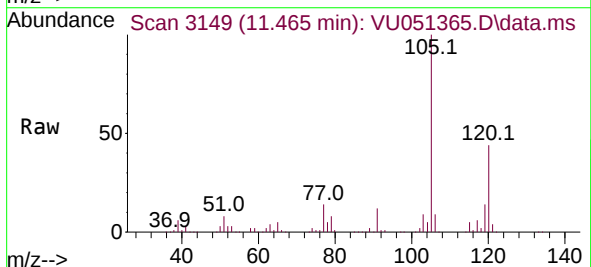
Acq: 11 Oct 2022 07:26

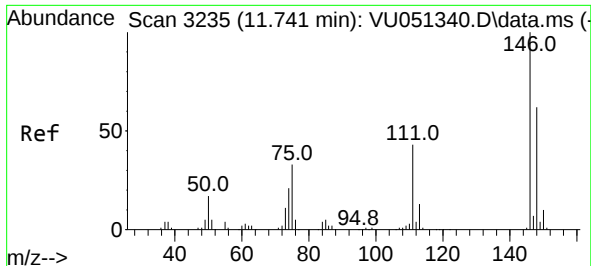
Tgt Ion:105 Resp: 223677

Ion Ratio Lower Upper

105 100

120 43.9 35.6 53.4

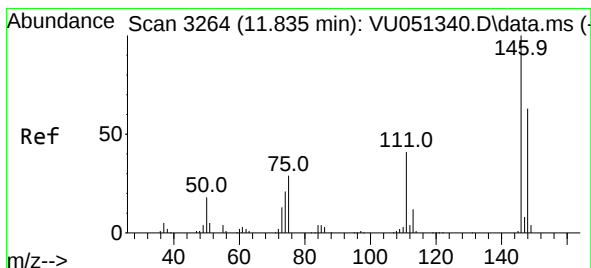
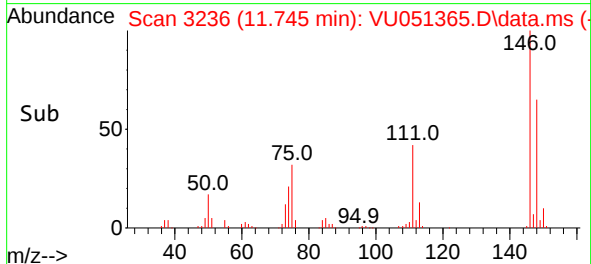
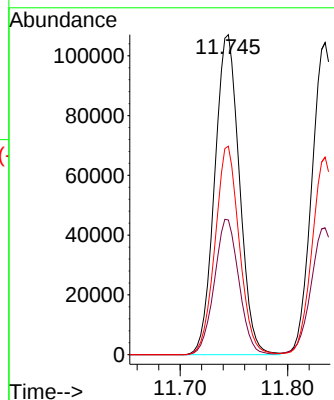
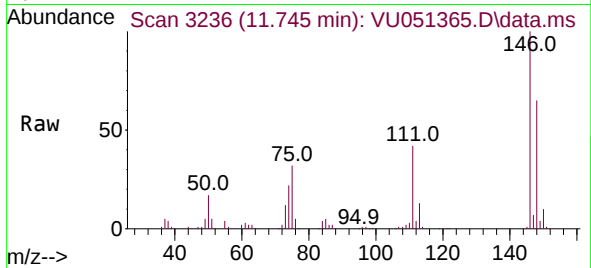




#64
1,3-Dichlorobenzene
Concen: 4.831 ug/L
RT: 11.745 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

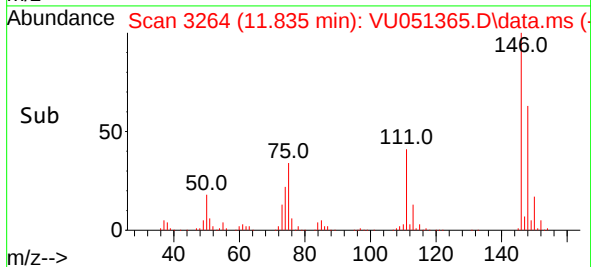
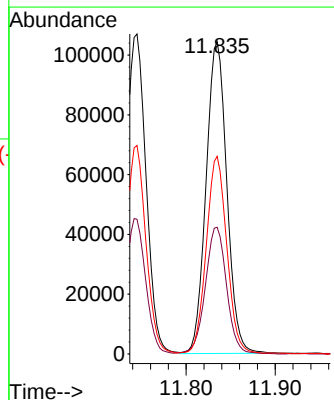
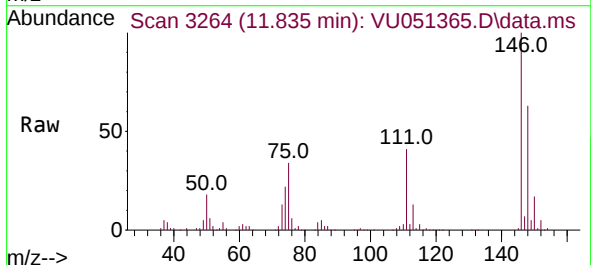
Instrument :
MSVOA_U
ClientSampleId :

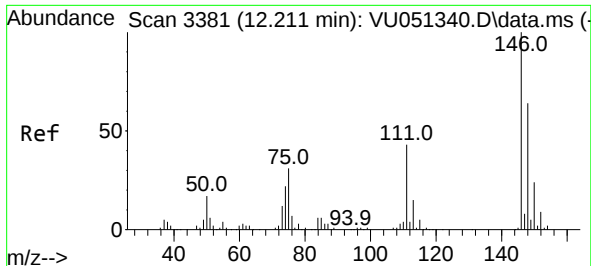
Tgt Ion:146 Resp: 171355
Ion Ratio Lower Upper
146 100
111 42.1 28.3 52.7
148 65.1 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.826 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion:146 Resp: 168697
Ion Ratio Lower Upper
146 100
111 40.6 29.1 54.1
148 63.3 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.754 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

Instrument :

MSVOA_U

ClientSampleId :

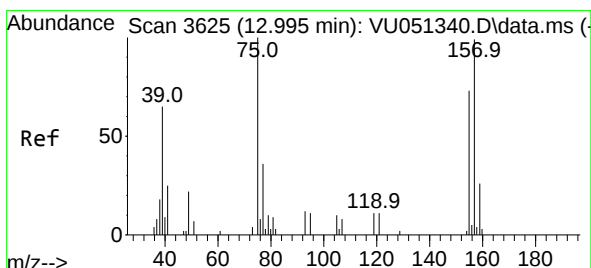
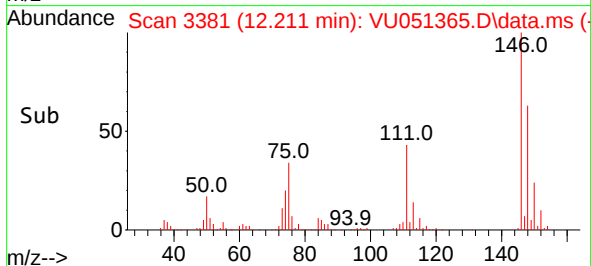
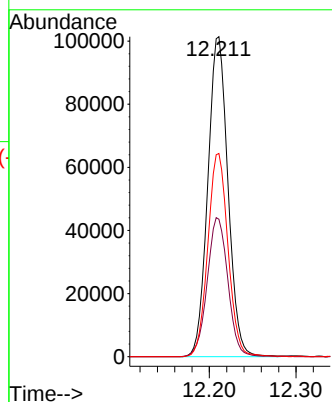
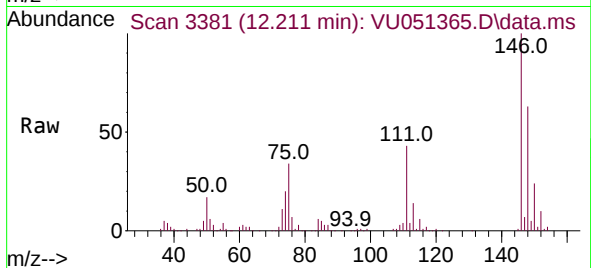
Tgt Ion:146 Resp: 163930

Ion Ratio Lower Upper

146 100

111 43.0 35.5 53.3

148 63.5 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.713 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU051365.D

Acq: 11 Oct 2022 07:26

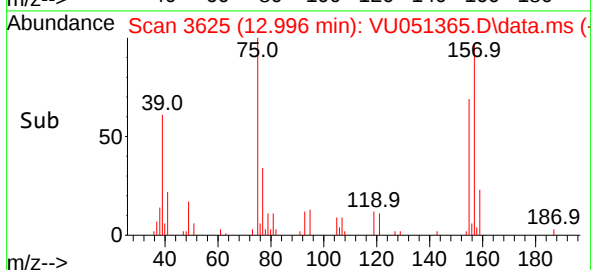
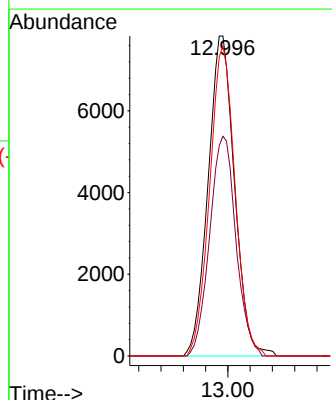
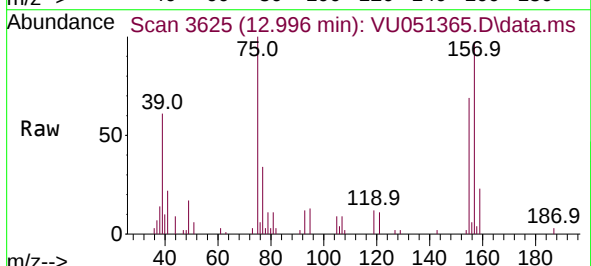
Tgt Ion: 75 Resp: 12886

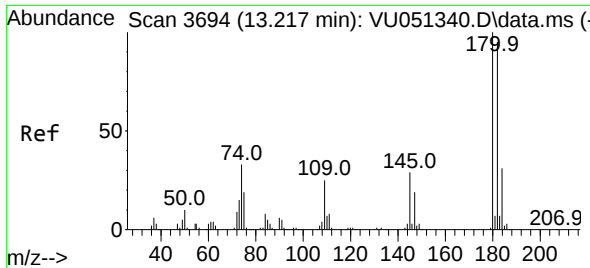
Ion Ratio Lower Upper

75 100

155 68.7 62.7 94.1

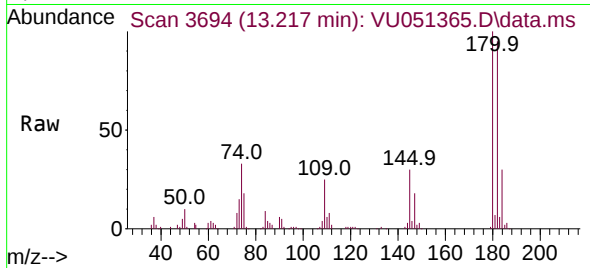
157 96.9 78.3 117.5



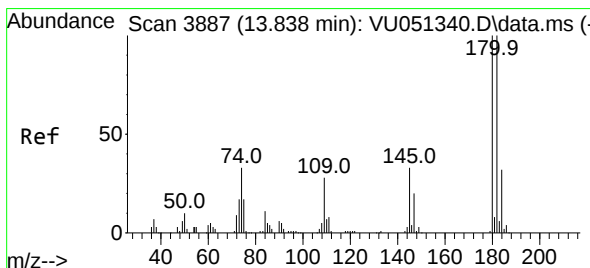
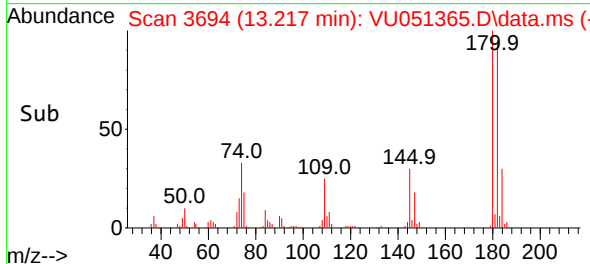
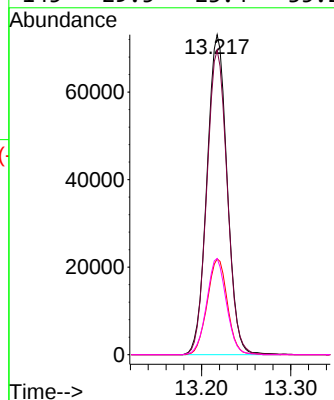


#69
 1,3,5-Trichlorobenzene
 Concen: 4.701 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051365.D
 Acq: 11 Oct 2022 07:26

Instrument :
 MSVOA_U
 ClientSampleId :

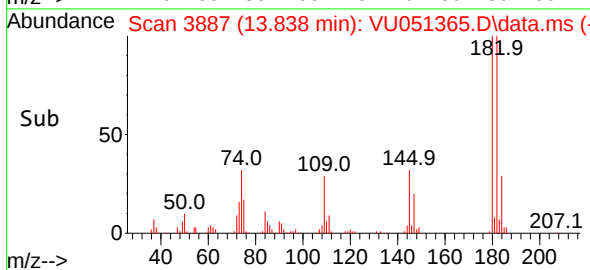
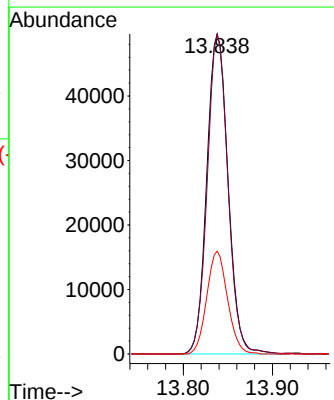
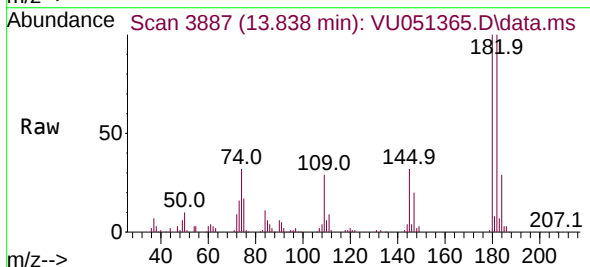


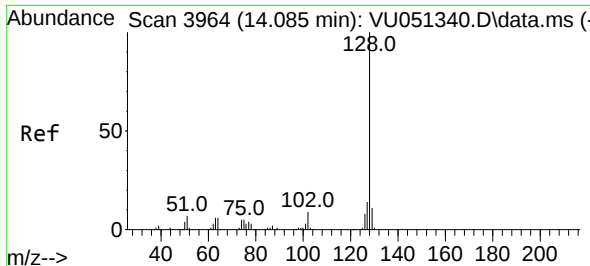
Tgt Ion:180 Resp: 114925
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.7 116.5
 184 29.8 23.6 35.4
 145 29.5 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.729 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051365.D
 Acq: 11 Oct 2022 07:26

Tgt Ion:180 Resp: 82176
 Ion Ratio Lower Upper
 180 100
 182 97.0 78.7 118.1
 145 31.4 25.0 37.4

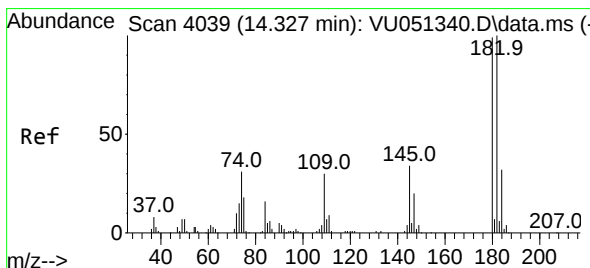
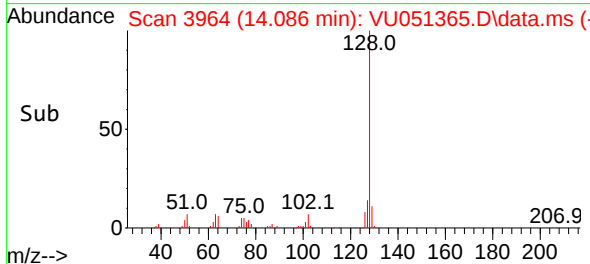
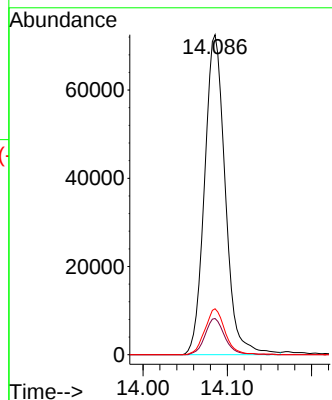
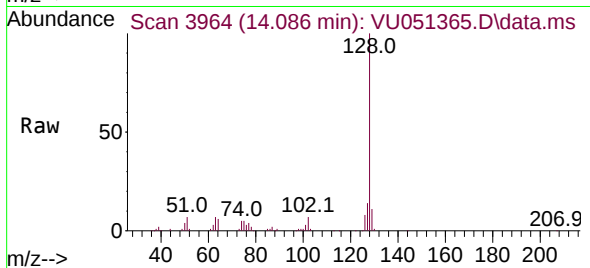




#71
Naphthalene
Concen: 3.841 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 124068
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 14.0 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.478 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051365.D
Acq: 11 Oct 2022 07:26

Tgt Ion:180 Resp: 80486
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
145 32.3 25.8 38.8

