

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
 Data File : VU049365.D
 Acq On : 22 Jun 2022 20:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 23 02:09:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 23 02:04:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	251517	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	235563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	117566	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60635	39.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.260%
7) Chloroethane-d5	1.903	69	49838	43.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.620%
11) 1,1-Dichloroethene-d2	2.565	63	126202	43.164	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.320%
21) 2-Butanone-d5	4.620	46	185008	108.904	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.900%
24) Chloroform-d	5.063	84	159838	48.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	5.700	65	100044	46.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
32) Benzene-d6	5.726	84	276103	47.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.540%
36) 1,2-Dichloropropane-d6	6.690	67	104094	53.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.020%
41) Toluene-d8	7.896	98	248977	48.332	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.660%
43) trans-1,3-Dichloroprop...	8.179	79	45864	49.647	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.300%
47) 2-Hexanone-d5	8.632	63	119445	116.223	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	164201	50.066	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.140%
66) 1,2-Dichlorobenzene-d4	12.192	152	98867	48.332	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	89618	40.377	ug/L	99
3) Chloromethane	1.520	50	101076	43.203	ug/L	99
5) Vinyl chloride	1.604	62	102078	46.026	ug/L	98
6) Bromomethane	1.845	94	47671	38.858	ug/L	98
8) Chloroethane	1.925	64	59016	47.642	ug/L	98
9) Trichlorofluoromethane	2.134	101	139901	44.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	80093	45.202	ug/L	96
12) 1,1-Dichloroethene	2.578	96	70106	45.200	ug/L	94
13) Acetone	2.626	43	121313	90.750	ug/L	100
14) Carbon disulfide	2.790	76	168429	42.703	ug/L	98
15) Methyl Acetate	2.948	43	135731	51.193	ug/L	96
16) Methylene chloride	3.044	84	95346	47.206	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	77491	45.439	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	300880	47.161	ug/L	96
19) 1,1-Dichloroethane	3.867	63	173311	47.173	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	95311	45.938	ug/L	99
22) 2-Butanone	4.700	43	207244	100.883	ug/L	98
23) Bromochloromethane	4.973	128	48682	44.705	ug/L #	86
25) Chloroform	5.086	83	178372	46.586	ug/L	99

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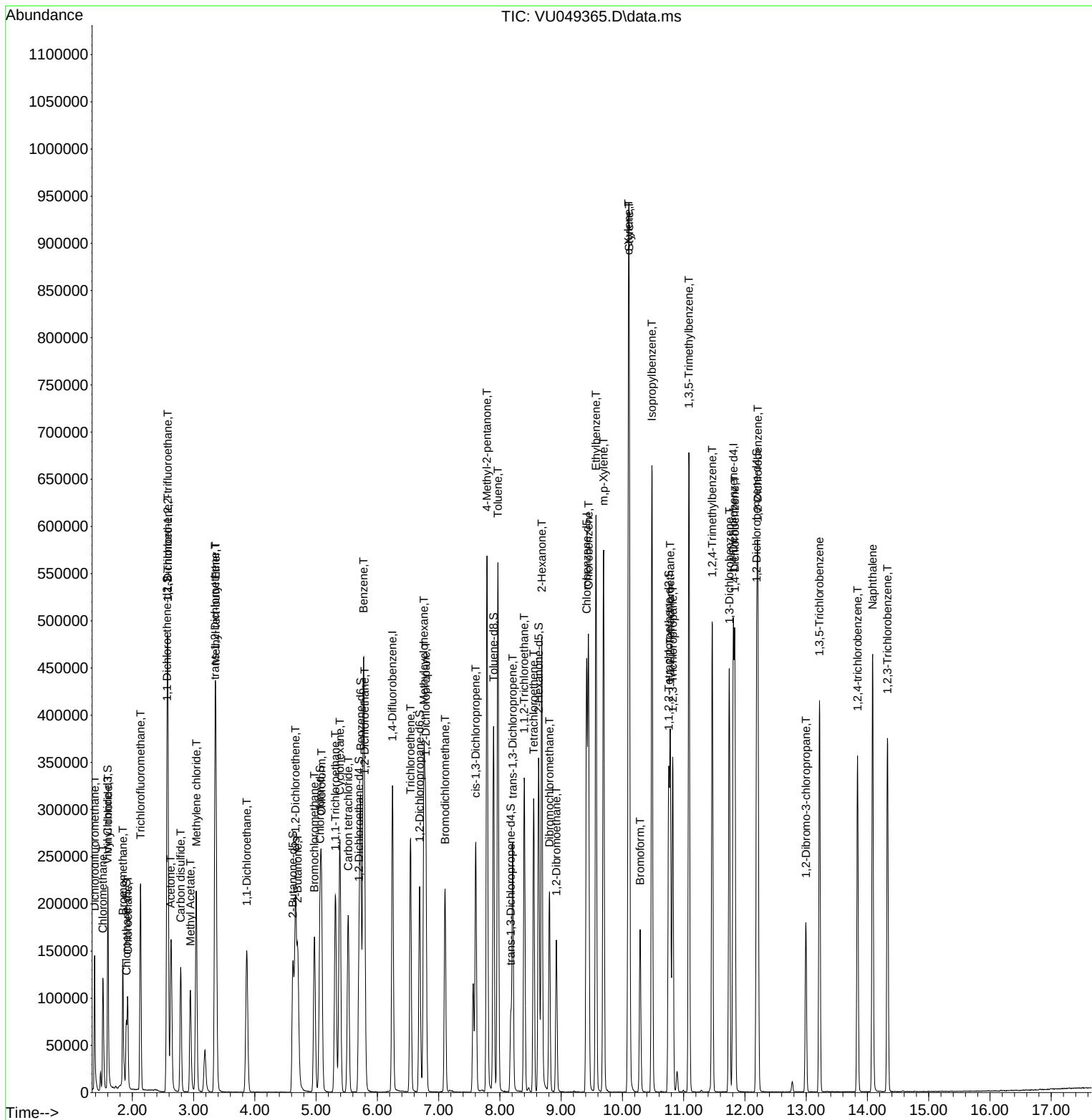
Instrument :
 MSVOA_U
 ClientSampleId :

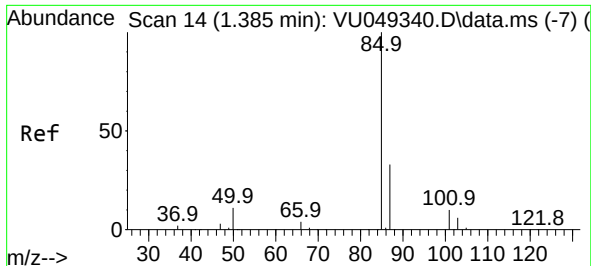
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	140964	45.226	ug/L	100
29) Cyclohexane	5.388	56	139156	52.786	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	152538	46.433	ug/L	98
31) Carbon tetrachloride	5.523	117	125797	43.785	ug/L	99
33) Benzene	5.774	78	376984	49.397	ug/L	100
34) Trichloroethene	6.543	95	91277	47.449	ug/L	97
35) Methylcyclohexane	6.761	83	136527	50.844	ug/L	96
37) 1,2-Dichloropropane	6.790	63	108878	50.592	ug/L	98
38) Bromodichloromethane	7.105	83	137023	47.956	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	152226	48.072	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	383421	105.750	ug/L	98
42) Toluene	7.967	91	389942	49.434	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	142687	45.505	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	100573	48.228	ug/L	98
46) Tetrachloroethene	8.552	164	64999	43.583	ug/L	98
48) 2-Hexanone	8.684	43	301131	102.163	ug/L	97
49) Dibromochloromethane	8.809	129	105927	45.621	ug/L	97
50) 1,2-Dibromoethane	8.922	107	103385	47.125	ug/L	97
51) Chlorobenzene	9.446	112	240309	45.068	ug/L	97
52) Ethylbenzene	9.568	91	419768	48.944	ug/L	98
53) m,p-Xylene	9.694	106	155493	46.168	ug/L	89
54) o-Xylene	10.099	106	157749	46.488	ug/L	89
55) Styrene	10.111	104	263642	46.525	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	184780	47.547	ug/L	99
59) Bromoform	10.288	173	74639	43.019	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	143532	48.131	ug/L	98
61) Isopropylbenzene	10.481	105	415812	52.069	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	355849	52.194	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	275751	50.801	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	173956	44.406	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	171495	43.239	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	183199	45.064	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	45252	45.976	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	121272	43.335	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	102772	43.429	ug/L	98
71) Naphthalene	14.086	128	357282	42.674	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	110210	44.028	ug/L	99

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

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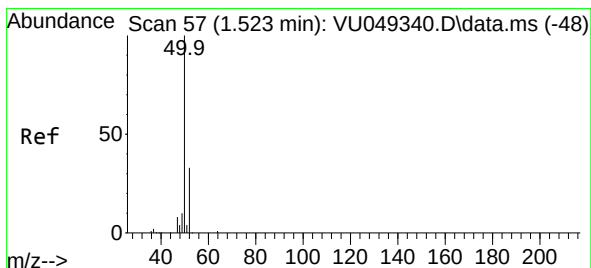
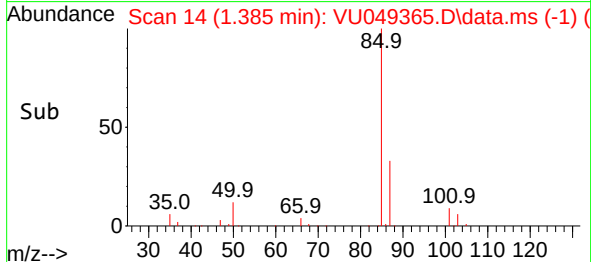
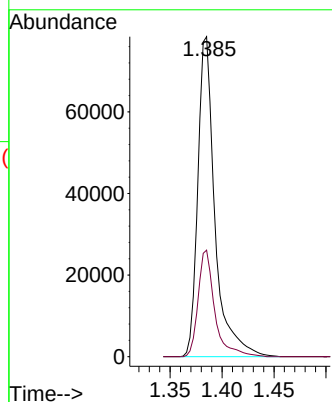
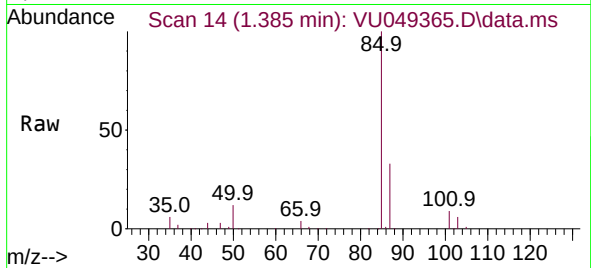




#2
 Dichlorodifluoromethane
 Concen: 40.377 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU049365.D
 Acq: 22 Jun 2022 20:28

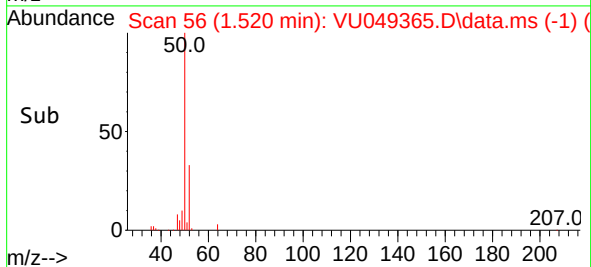
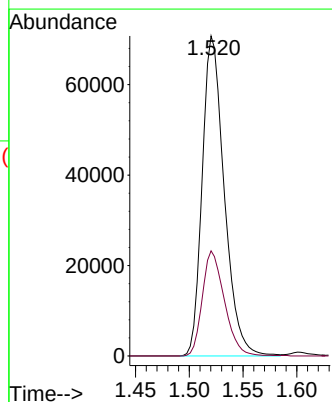
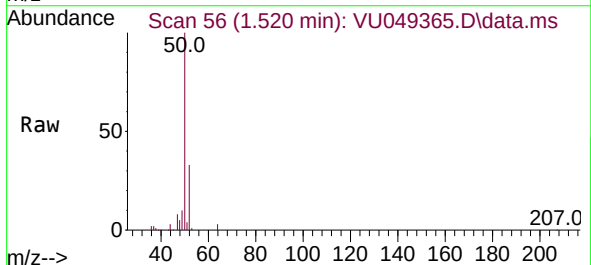
Instrument :
 MSVOA_U
 ClientSampleId :

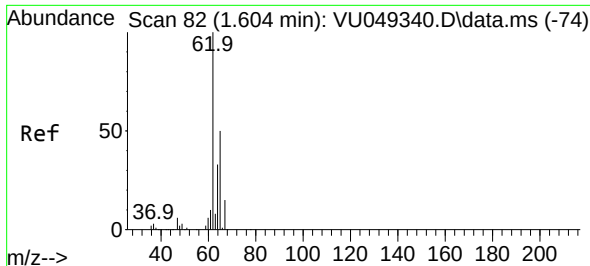
Tgt Ion: 85 Resp: 89618
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.3 39.5



#3
 Chloromethane
 Concen: 43.203 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU049365.D
 Acq: 22 Jun 2022 20:28

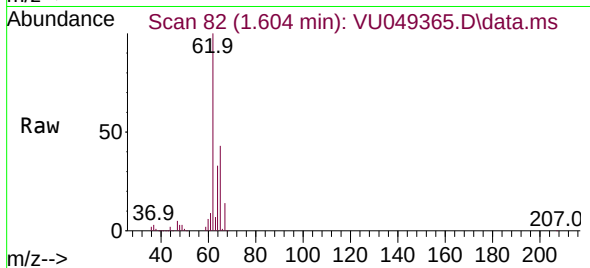
Tgt Ion: 50 Resp: 101076
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.7 42.1



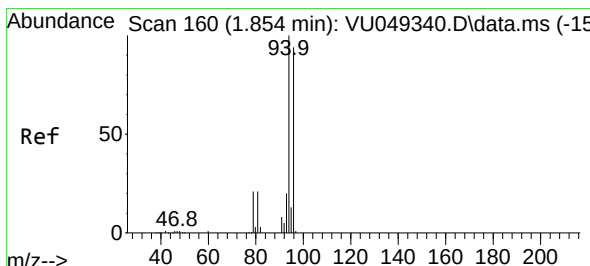
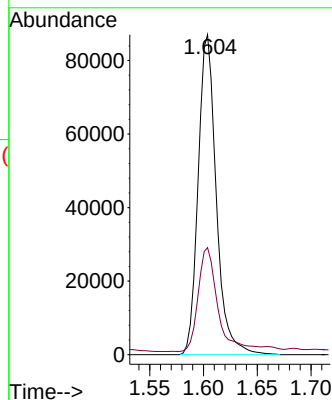
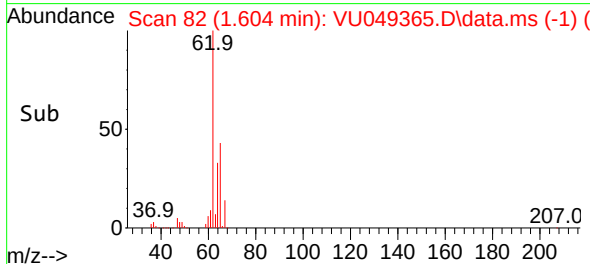


#5
 Vinyl chloride
 Concen: 46.026 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049365.D
 Acq: 22 Jun 2022 20:28

Instrument :
 MSVOA_U
 ClientSampleId :

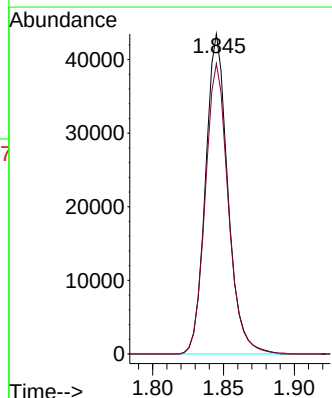
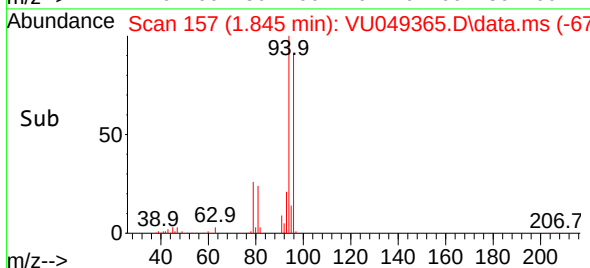
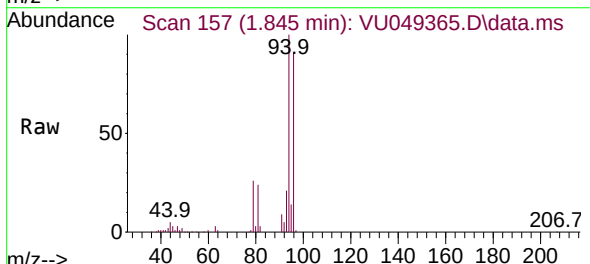


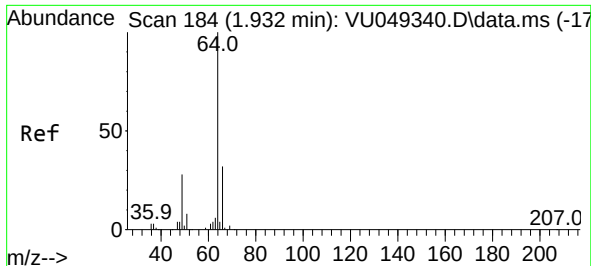
Tgt Ion: 62 Resp: 102078
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.7 42.3



#6
 Bromomethane
 Concen: 38.858 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.009 min
 Lab File: VU049365.D
 Acq: 22 Jun 2022 20:28

Tgt Ion: 94 Resp: 47671
 Ion Ratio Lower Upper
 94 100
 96 90.7 65.1 120.9

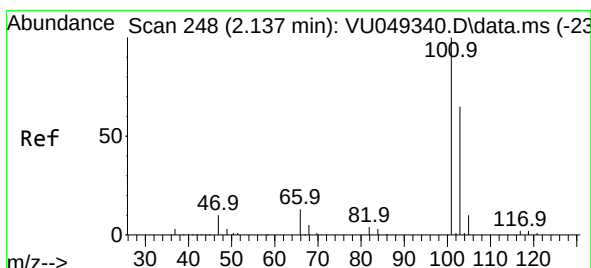
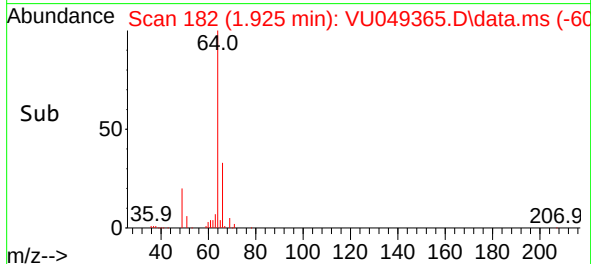
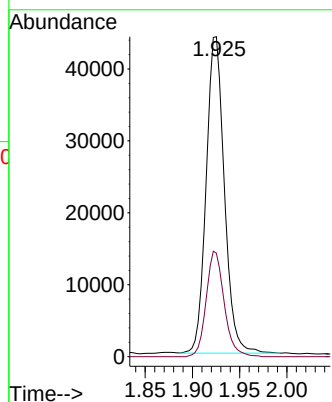
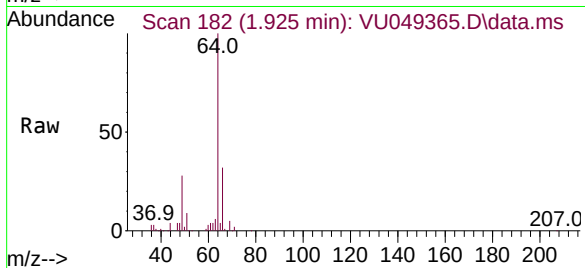




#8
Chloroethane
Concen: 47.642 ug/L
RT: 1.925 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

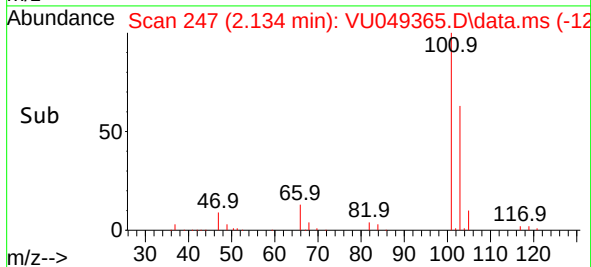
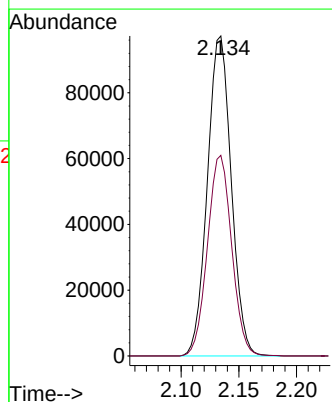
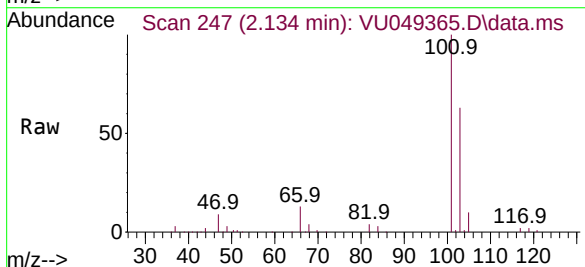
Instrument :
MSVOA_U
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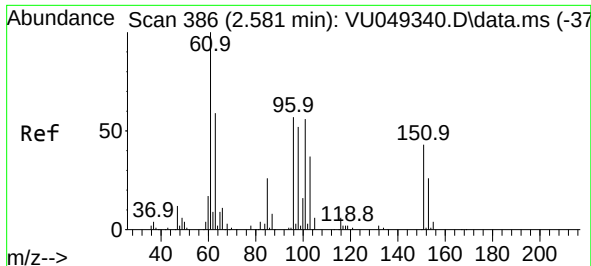
Tgt Ion: 64 Resp: 59016
Ion Ratio Lower Upper
64 100
66 32.4 23.7 43.9



#9
Trichlorofluoromethane
Concen: 44.819 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion:101 Resp: 139901
Ion Ratio Lower Upper
101 100
103 63.6 51.3 76.9

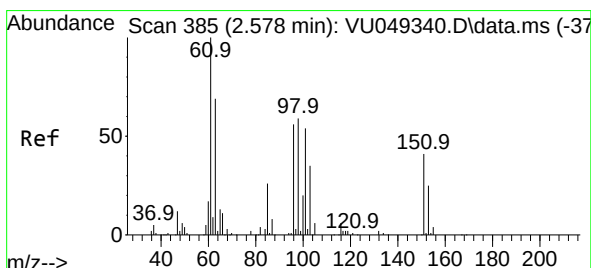
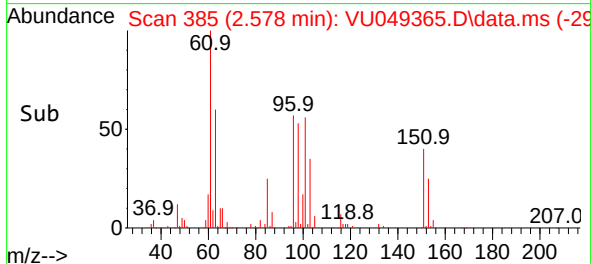
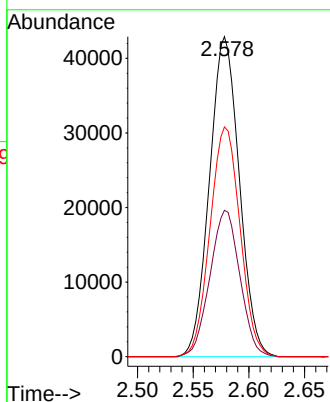
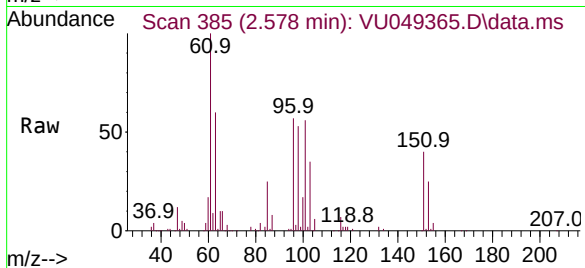




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.202 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

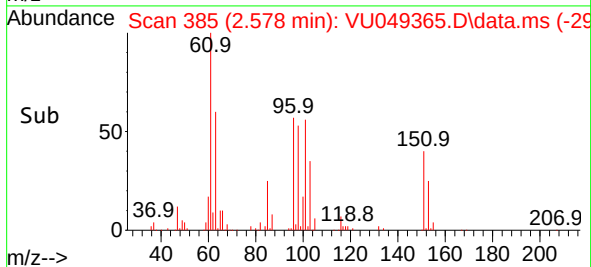
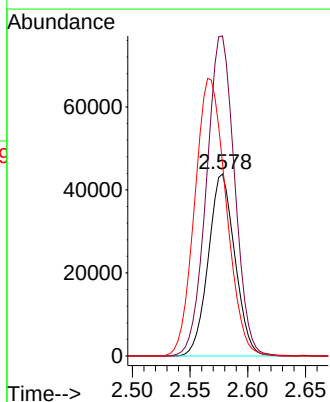
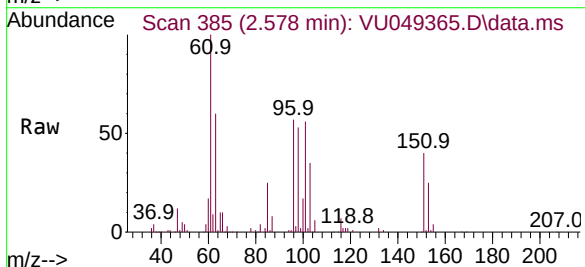
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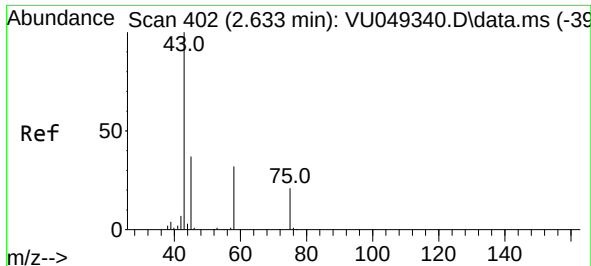
Tgt Ion:101 Resp: 80093
Ion Ratio Lower Upper
101 100
85 45.8 35.2 52.8
151 72.3 61.4 92.2



#12
1,1-Dichloroethene
Concen: 45.200 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion: 96 Resp: 70106
Ion Ratio Lower Upper
96 100
61 175.9 123.5 229.3
63 105.9 86.0 159.8





#13

Acetone

Concen: 90.750 ug/L

RT: 2.626 min Scan# 40

Delta R.T. -0.006 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

Instrument :

MSVOA_U

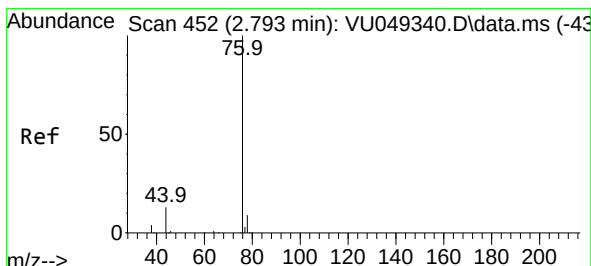
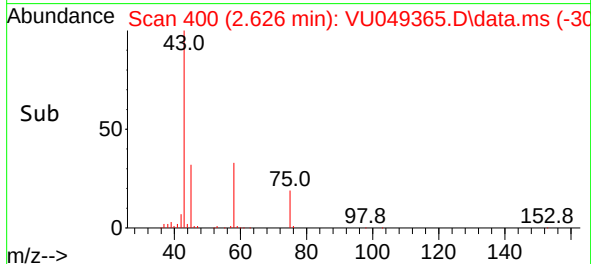
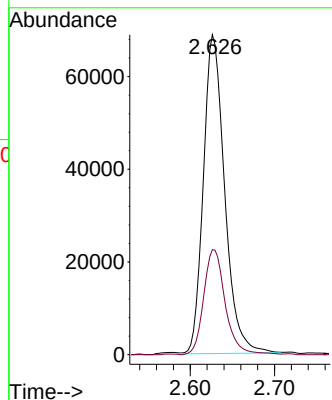
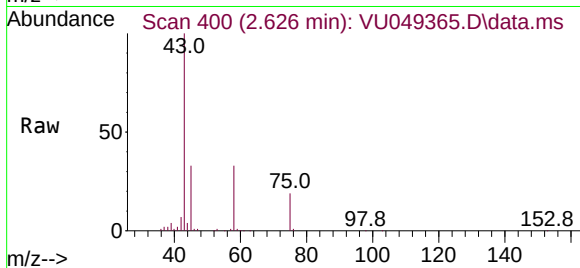
ClientSampleId :

Tgt Ion: 43 Resp: 121313

Ion Ratio Lower Upper

43 100

58 33.4 0.0 66.4



#14

Carbon disulfide

Concen: 42.703 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU049365.D

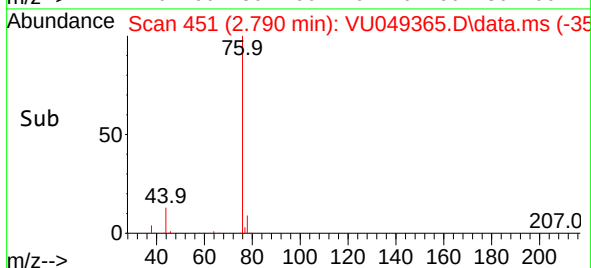
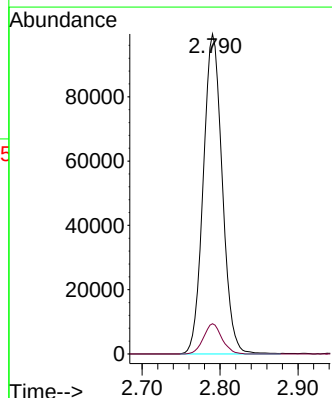
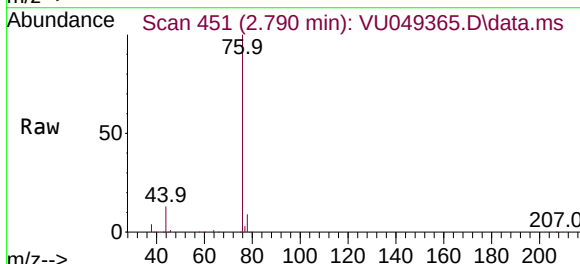
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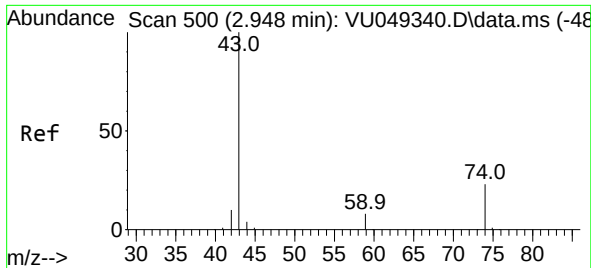
Tgt Ion: 76 Resp: 168429

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

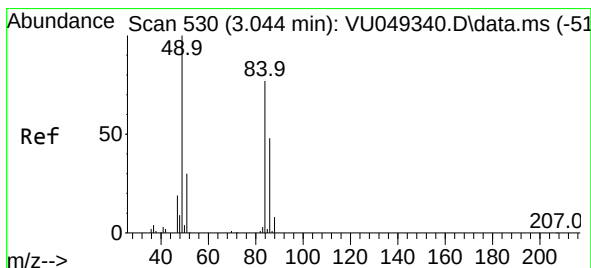
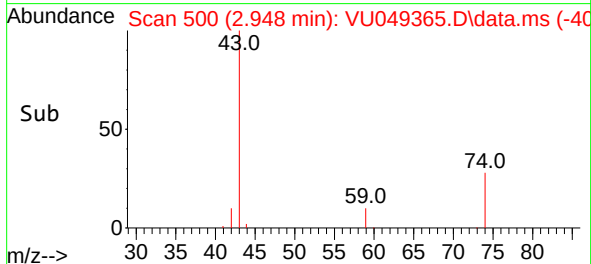
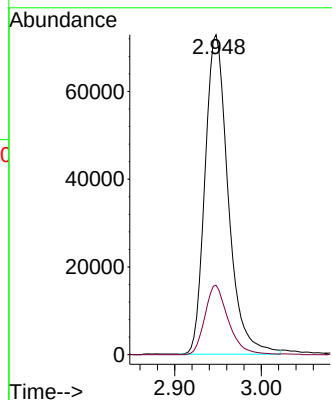
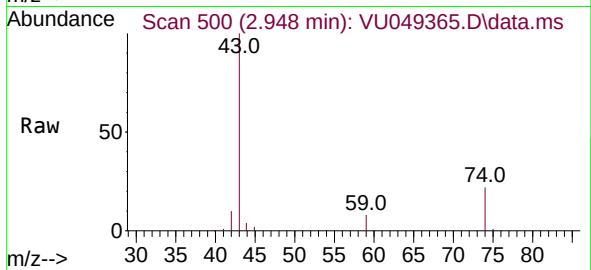




#15
Methyl Acetate
Concen: 51.193 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

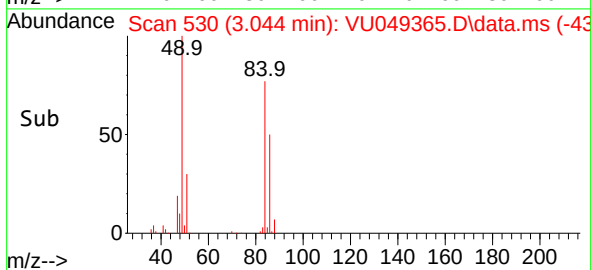
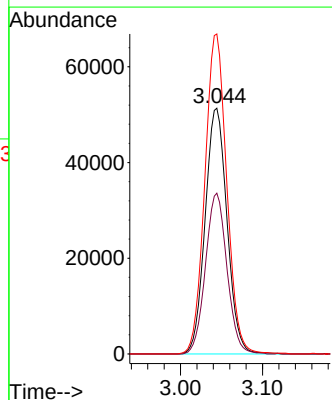
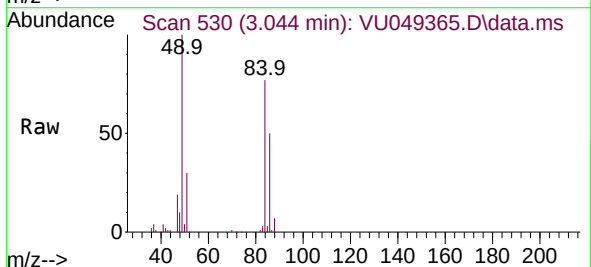
Instrument :
MSVOA_U
ClientSampleId :

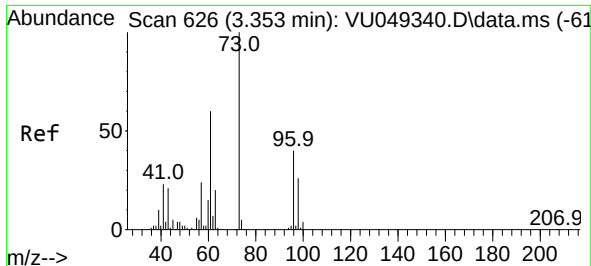
Tgt Ion: 43 Resp: 135731
Ion Ratio Lower Upper
43 100
74 21.9 19.0 28.6



#16
Methylene chloride
Concen: 47.206 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

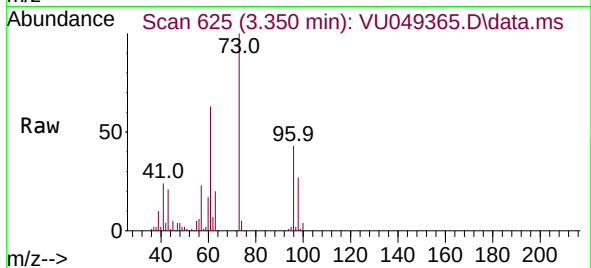
Tgt Ion: 84 Resp: 95346
Ion Ratio Lower Upper
84 100
86 65.4 45.8 85.0
49 130.2 83.4 155.0



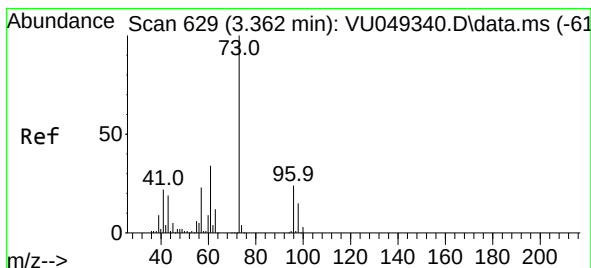
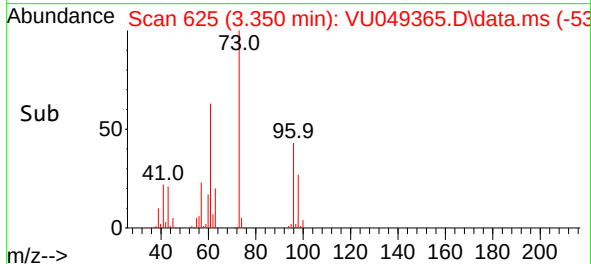
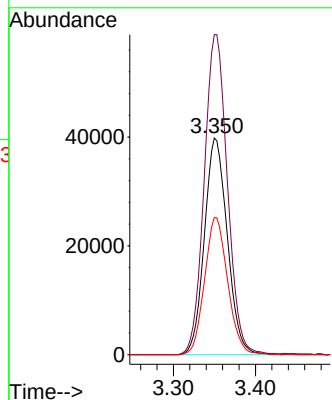


#17
trans-1,2-Dichloroethene
Concen: 45.439 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Instrument :
MSVOA_U
ClientSampleId :

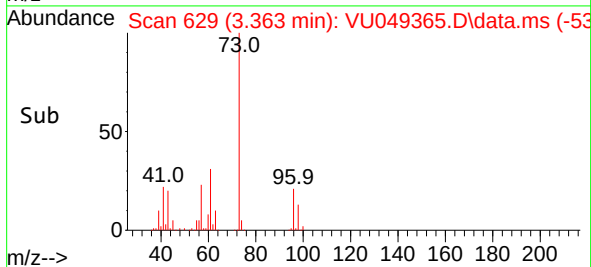
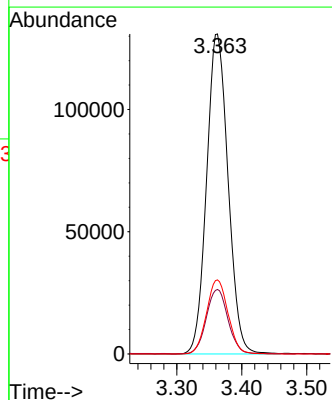
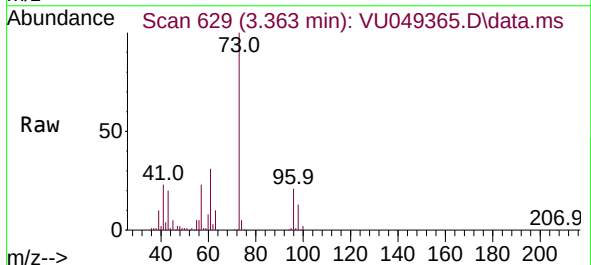


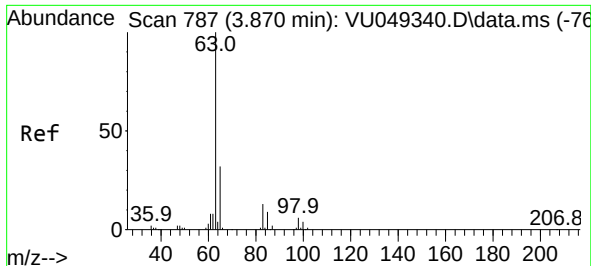
Tgt Ion: 96 Resp: 77491
Ion Ratio Lower Upper
96 100
61 147.7 99.3 184.3
98 63.3 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 47.161 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion: 73 Resp: 300880
Ion Ratio Lower Upper
73 100
43 20.5 15.0 22.4
57 23.2 17.3 25.9





#19

1,1-Dichloroethane

Concen: 47.173 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

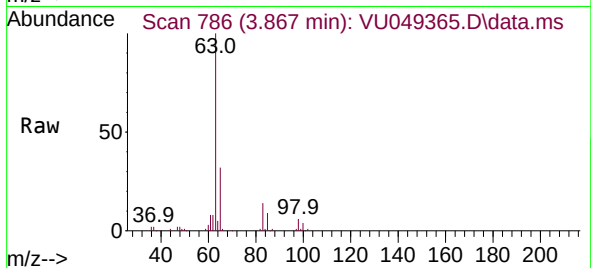
Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

Instrument :

MSVOA_U

ClientSampleId :



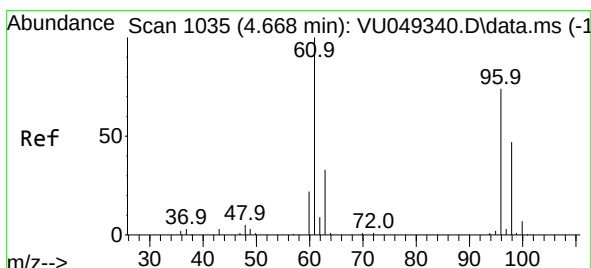
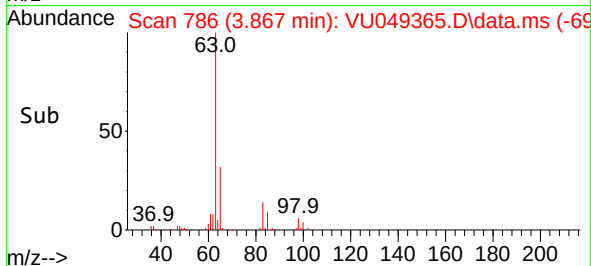
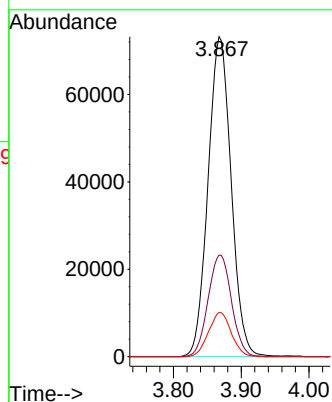
Tgt Ion: 63 Resp: 173311

Ion Ratio Lower Upper

63 100

65 31.8 22.3 41.5

83 13.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 45.938 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

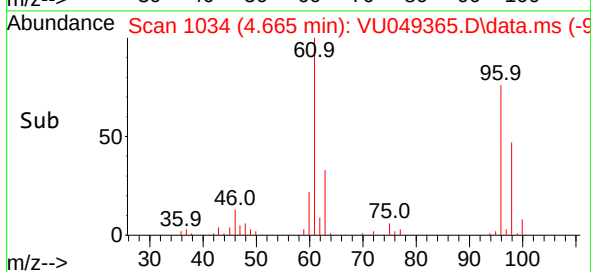
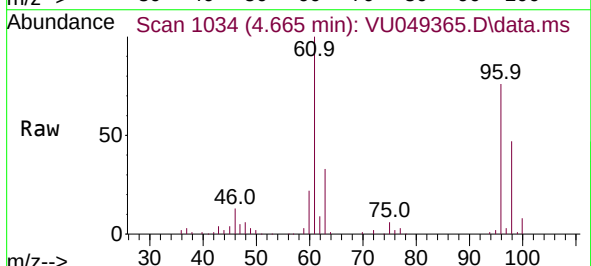
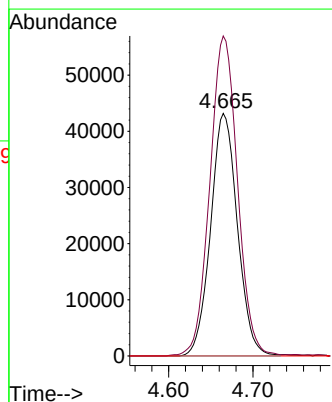
Tgt Ion: 96 Resp: 95311

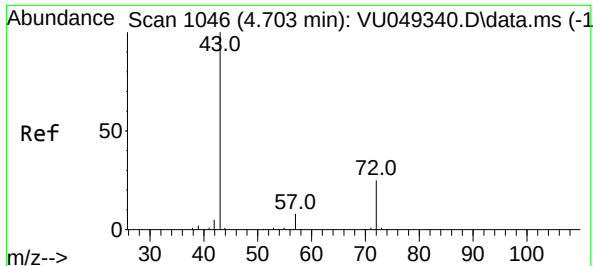
Ion Ratio Lower Upper

96 100

61 131.9 91.6 170.2

68 0.0 0.0 0.0

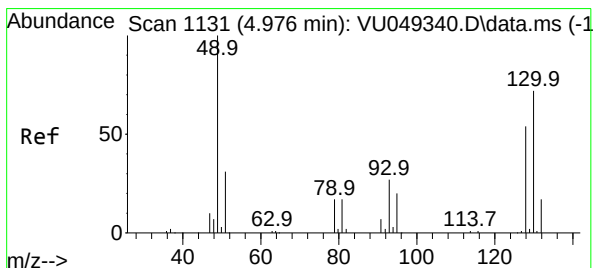
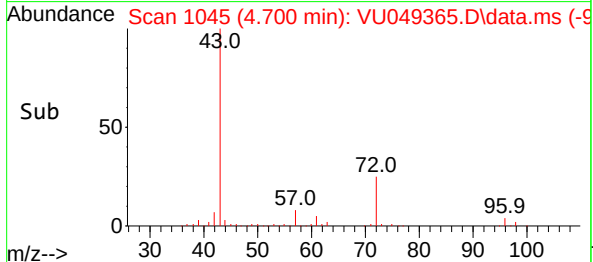
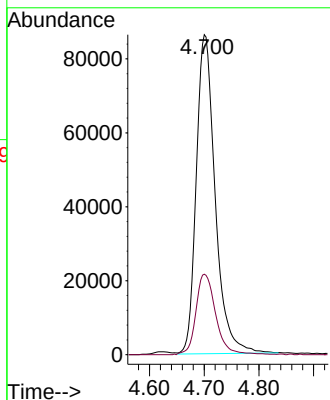
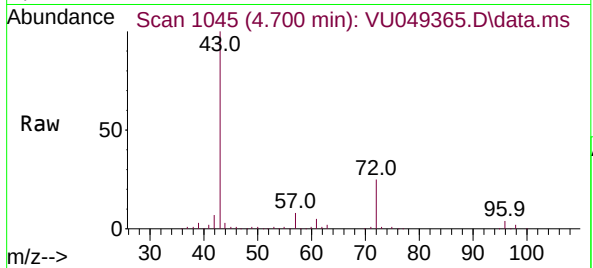




#22
2-Butanone
Concen: 100.883 ug/L
RT: 4.700 min Scan# 110
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

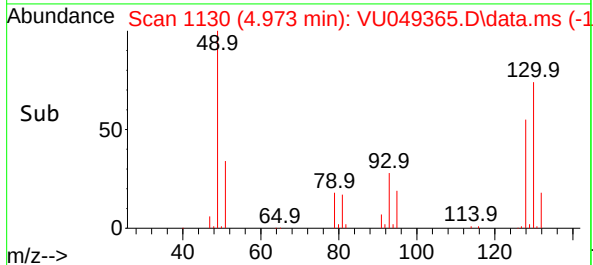
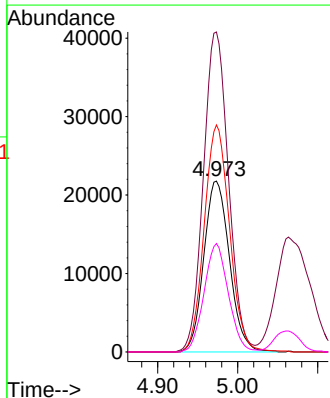
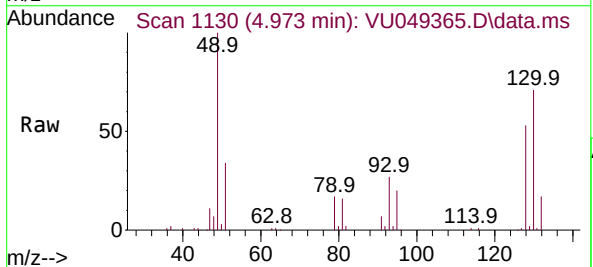
Instrument :
MSVOA_U
ClientSampleId :

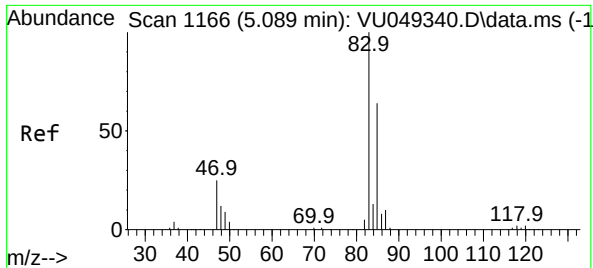
Tgt Ion: 43 Resp: 207244
Ion Ratio Lower Upper
43 100
72 26.5 13.7 41.0



#23
Bromochloromethane
Concen: 44.705 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion:128 Resp: 48682
Ion Ratio Lower Upper
128 100
49 187.2 111.9 207.9
130 132.8 88.6 164.6
51 63.4 42.2 63.2#





#25

Chloroform

Concen: 46.586 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

Instrument :

MSVOA_U

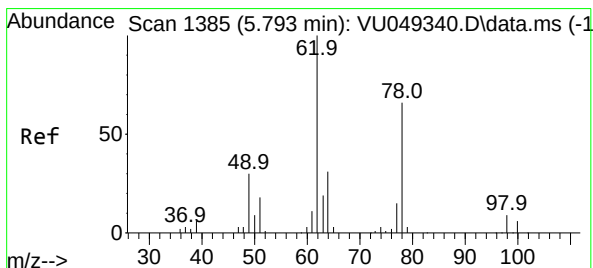
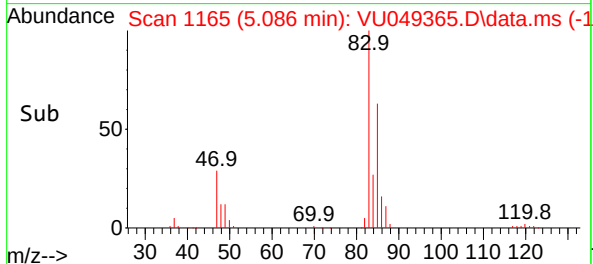
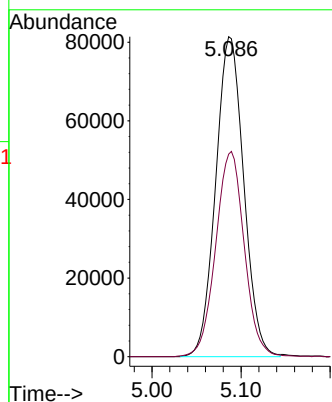
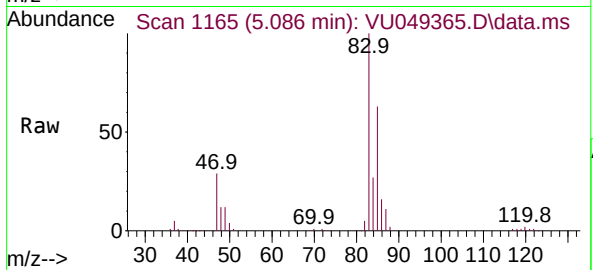
ClientSampleId :

Tgt Ion: 83 Resp: 178372

Ion Ratio Lower Upper

83 100

85 63.3 45.1 83.9



#27

1,2-Dichloroethane

Concen: 45.226 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU049365.D

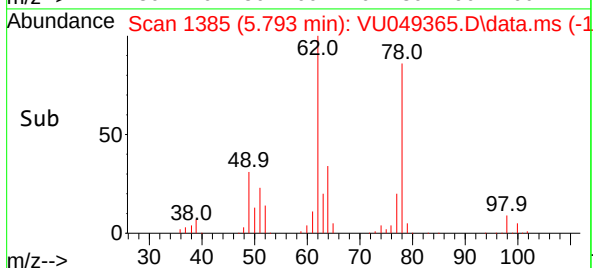
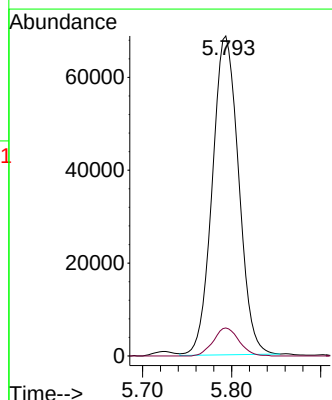
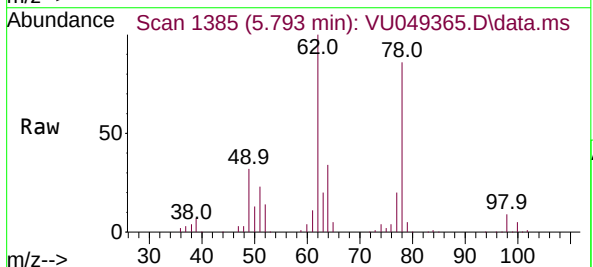
Acq: 22 Jun 2022 20:28

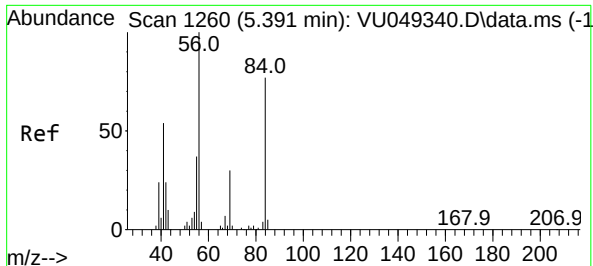
Tgt Ion: 62 Resp: 140964

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.4





#29

Cyclohexane

Concen: 52.786 ug/L

RT: 5.388 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

Instrument :

MSVOA_U

ClientSampleId :

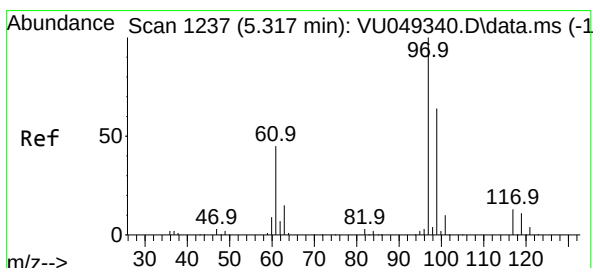
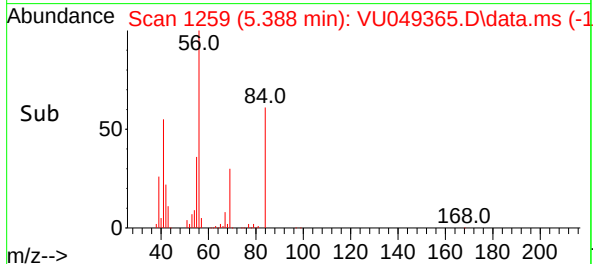
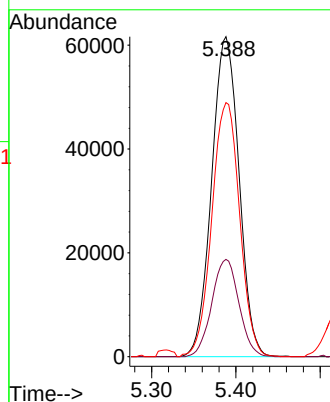
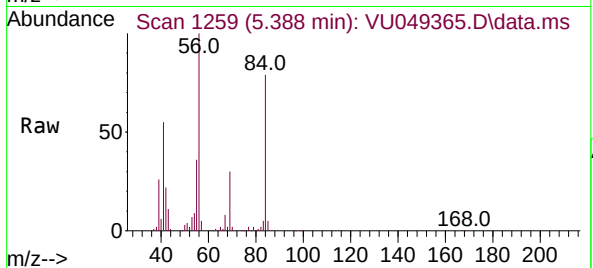
Tgt Ion: 56 Resp: 139156

Ion Ratio Lower Upper

56 100

69 30.1 24.6 36.8

84 80.6 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 46.433 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

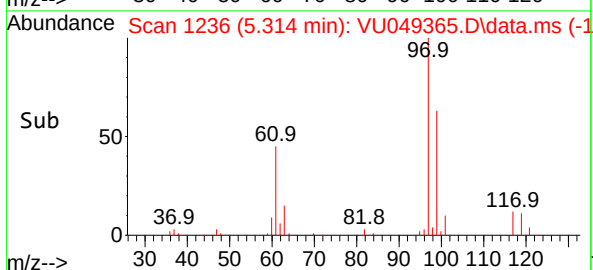
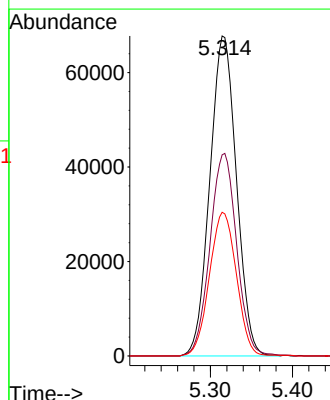
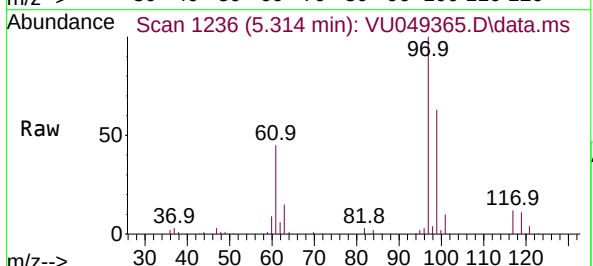
Tgt Ion: 97 Resp: 152538

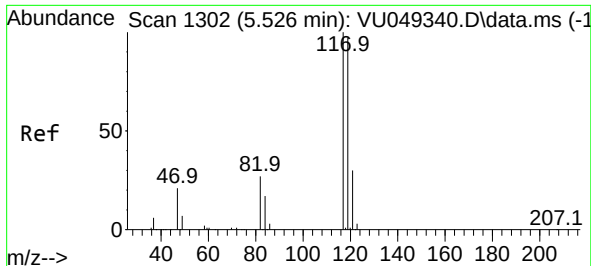
Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

61 45.5 34.2 51.2

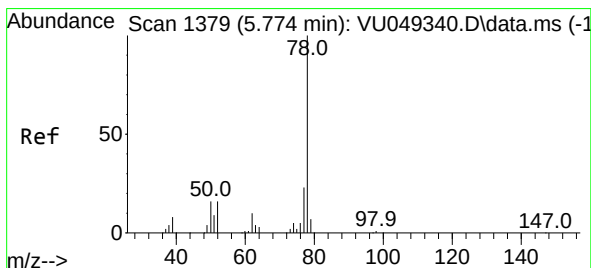
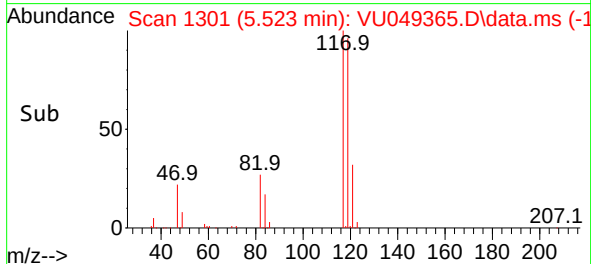
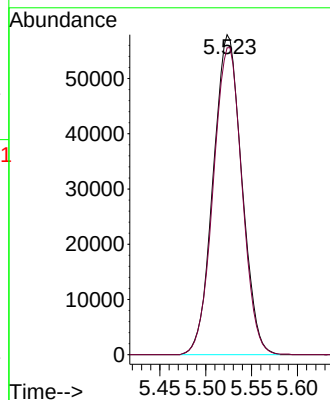
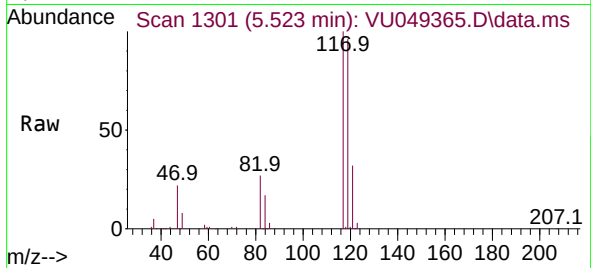




#31
Carbon tetrachloride
Concen: 43.785 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

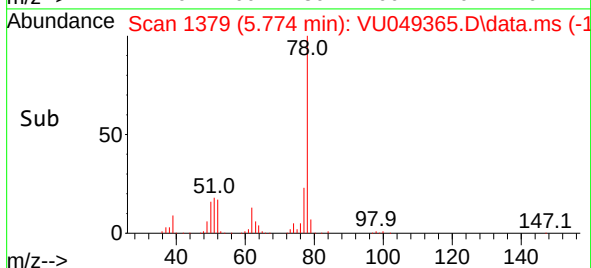
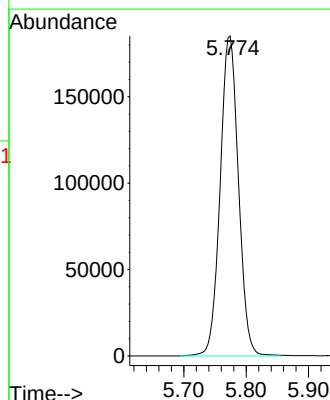
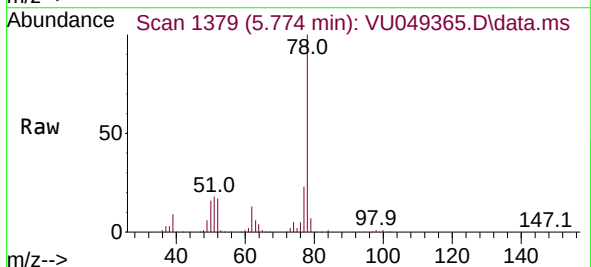
Instrument :
MSVOA_U
ClientSampleId :

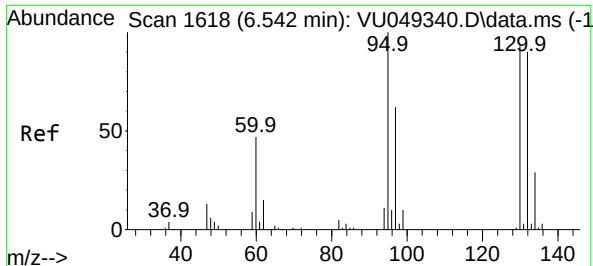
Tgt Ion:117 Resp: 125797
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7



#33
Benzene
Concen: 49.397 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion: 78 Resp: 376984

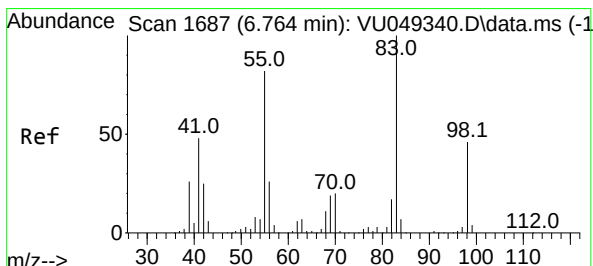
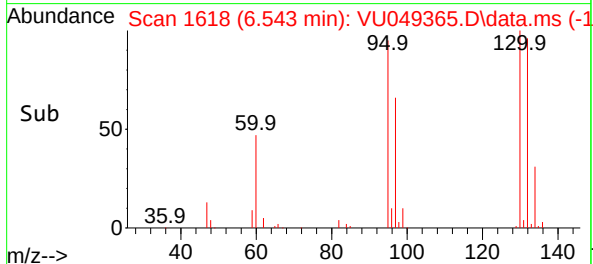
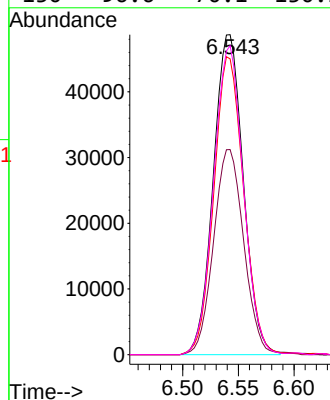
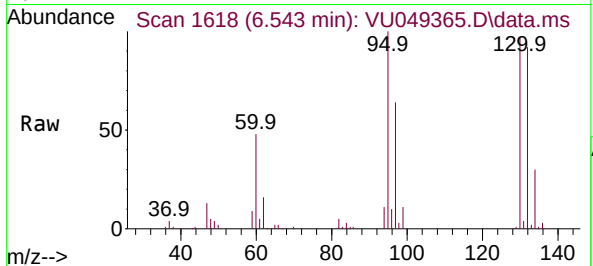




#34
Trichloroethene
Concen: 47.449 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

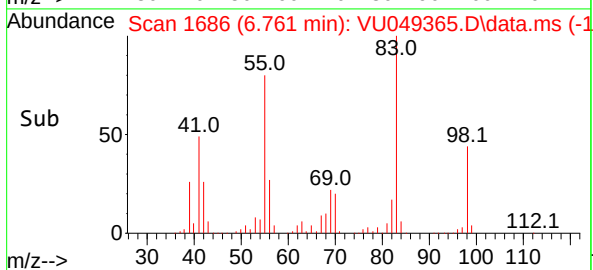
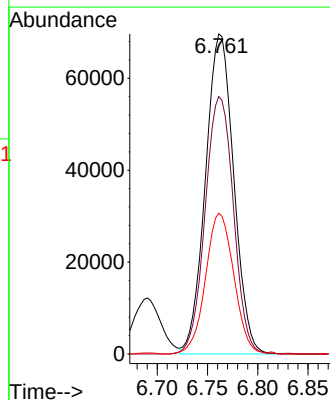
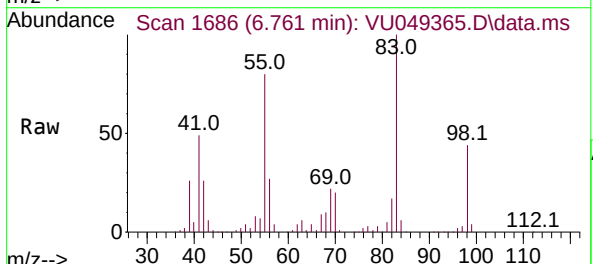
Instrument :
MSVOA_U
ClientSampleId :

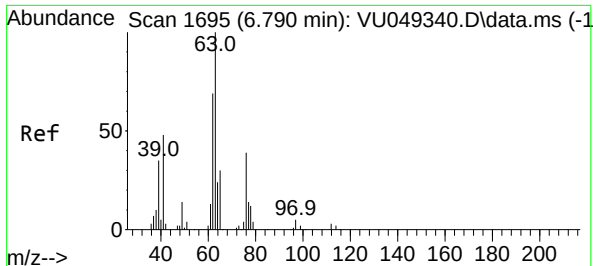
Tgt Ion: 95 Resp: 91277
Ion Ratio Lower Upper
95 100
97 64.1 45.4 84.4
132 92.4 67.6 125.6
130 96.6 70.1 130.3



#35
Methylcyclohexane
Concen: 50.844 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion: 83 Resp: 136527
Ion Ratio Lower Upper
83 100
55 80.4 61.0 91.6
98 43.9 36.8 55.2





#37

1,2-Dichloropropane

Concen: 50.592 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

Instrument :

MSVOA_U

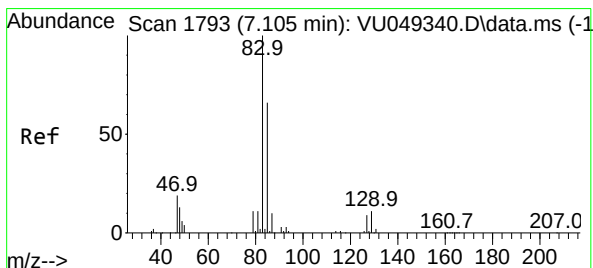
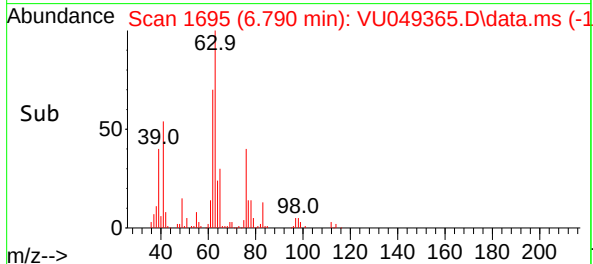
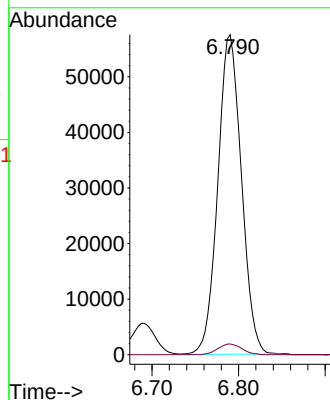
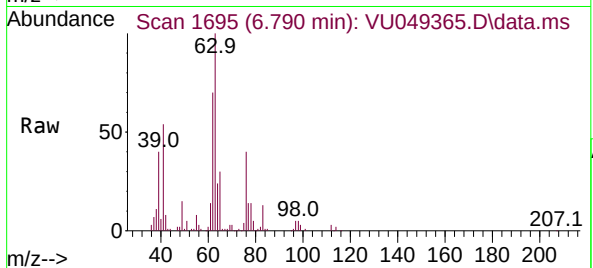
ClientSampleId :

Tgt Ion: 63 Resp: 108878

Ion Ratio Lower Upper

63 100

112 3.4 3.2 4.8



#38

Bromodichloromethane

Concen: 47.956 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

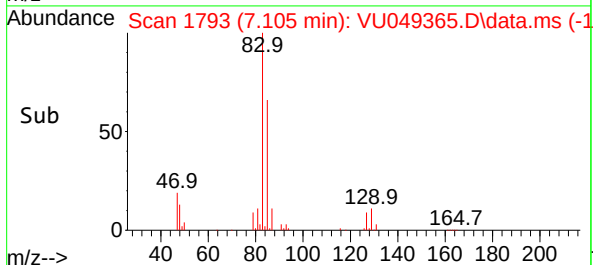
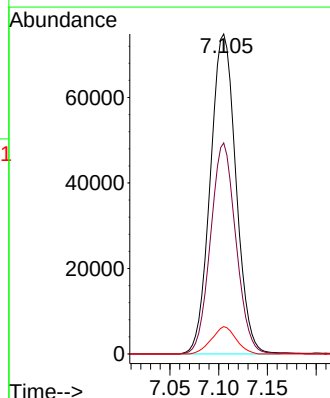
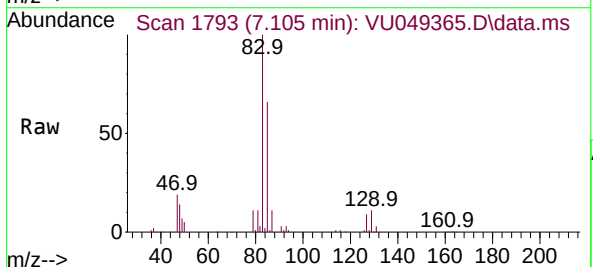
Tgt Ion: 83 Resp: 137023

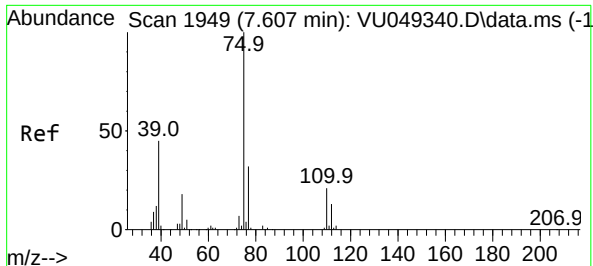
Ion Ratio Lower Upper

83 100

85 65.9 44.0 81.6

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 48.072 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

Instrument :

MSVOA_U

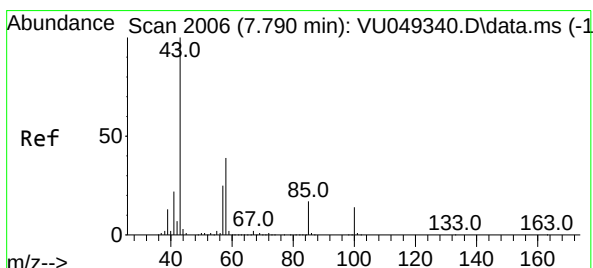
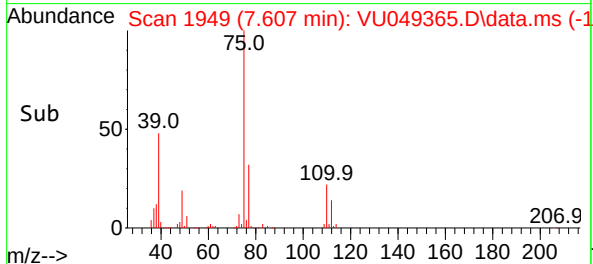
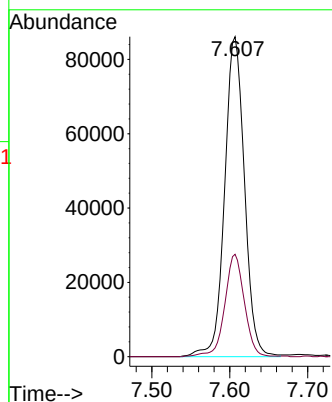
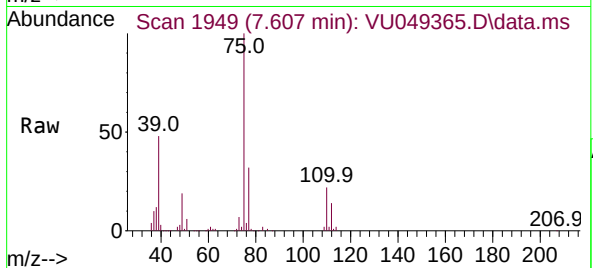
ClientSampleId :

Tgt Ion: 75 Resp: 152226

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 105.750 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

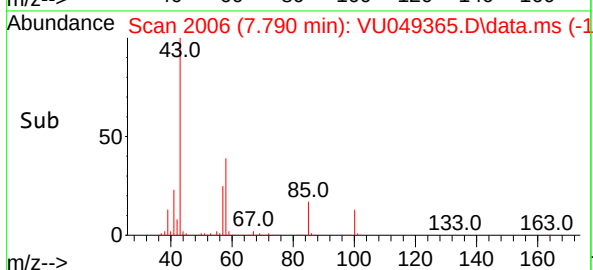
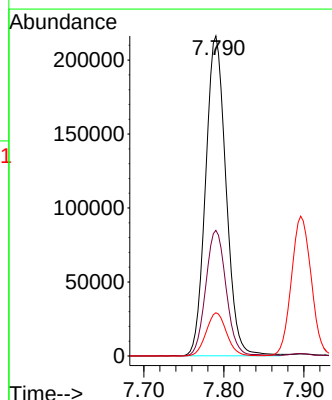
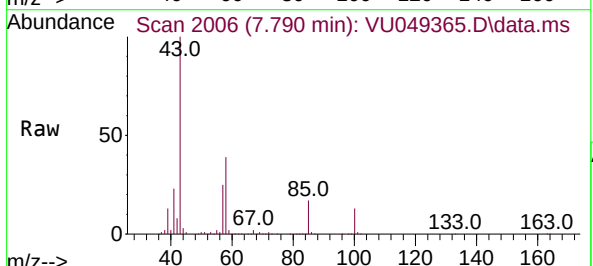
Tgt Ion: 43 Resp: 383421

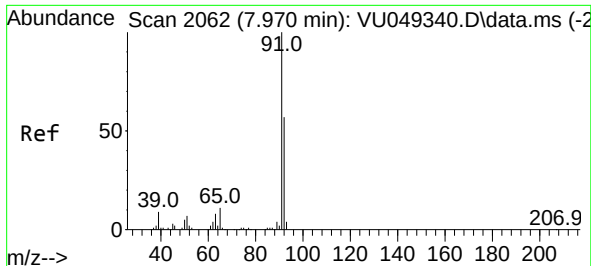
Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.4

100 13.5 12.3 18.5





#42

Toluene

Concen: 49.434 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

Instrument :

MSVOA_U

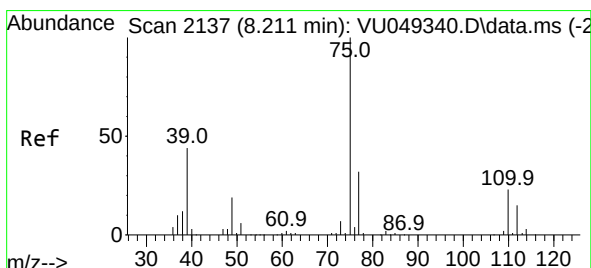
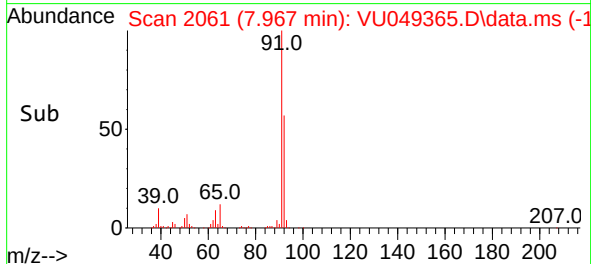
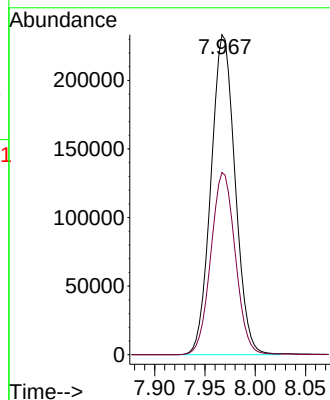
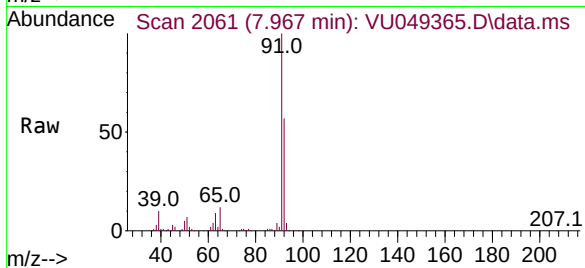
ClientSampleId :

Tgt Ion: 91 Resp: 389942

Ion Ratio Lower Upper

91 100

92 56.9 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 45.505 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU049365.D

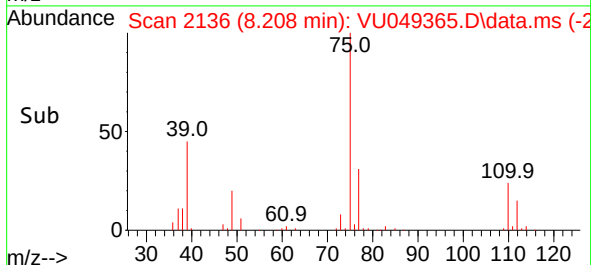
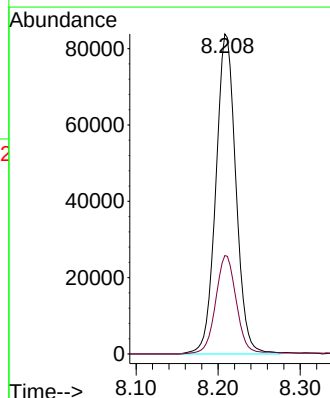
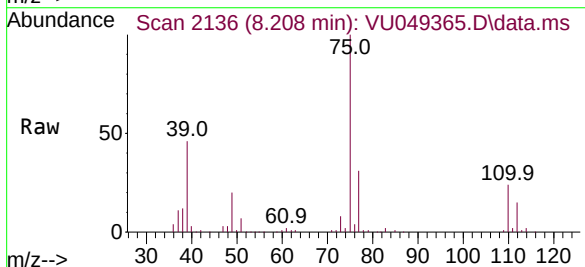
Acq: 22 Jun 2022 20:28

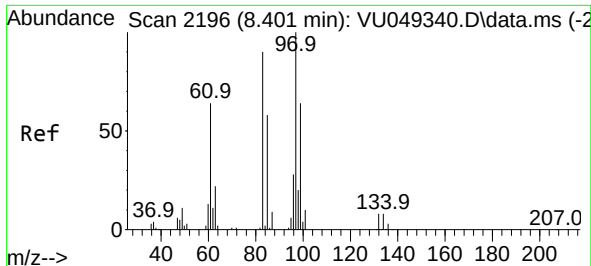
Tgt Ion: 75 Resp: 142687

Ion Ratio Lower Upper

75 100

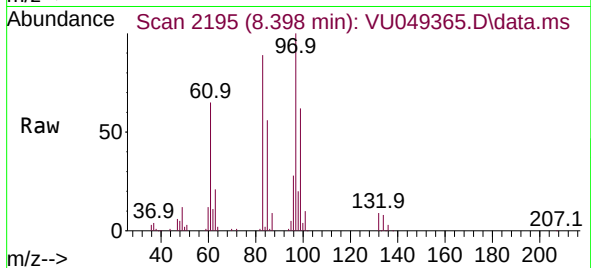
77 30.8 21.9 40.7



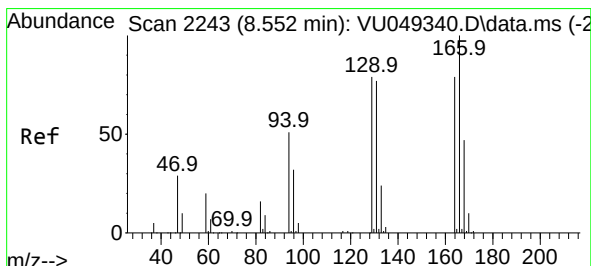
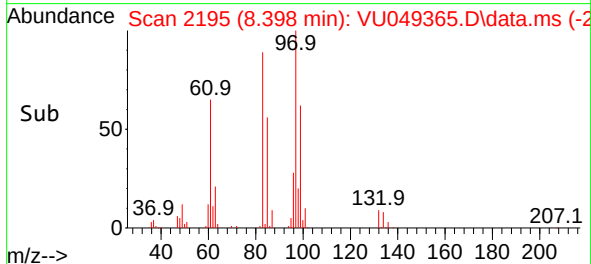
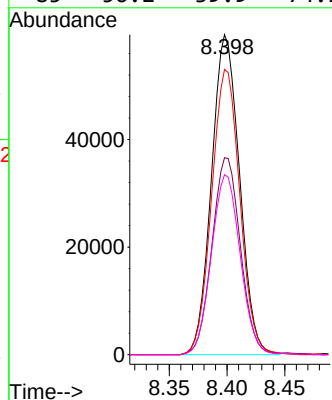


#45
1,1,2-Trichloroethane
Concen: 48.228 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Instrument :
MSVOA_U
ClientSampleId :

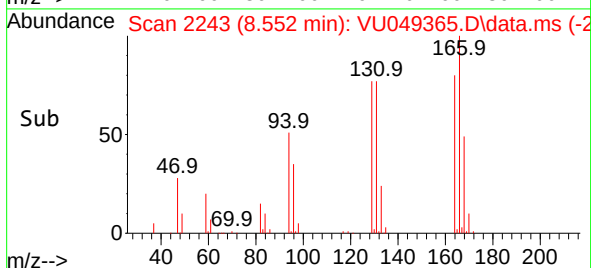
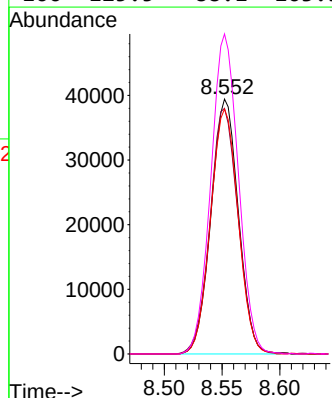
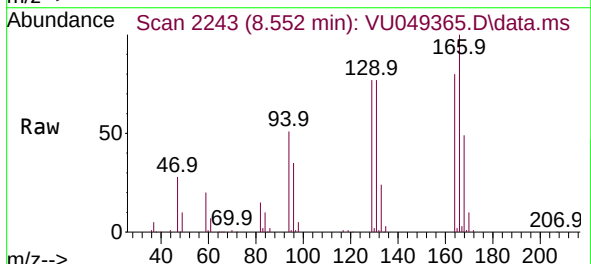


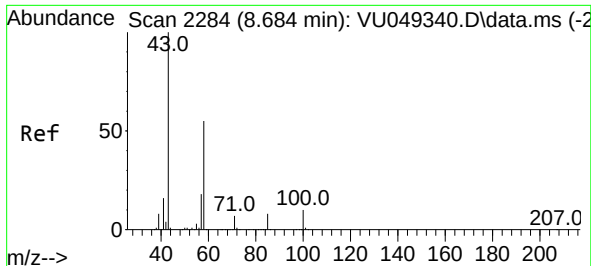
Tgt Ion:	97	Resp:	100573
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.5	80.9
83	89.1	60.3	112.1
85	56.2	39.9	74.1



#46
Tetrachloroethene
Concen: 43.583 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

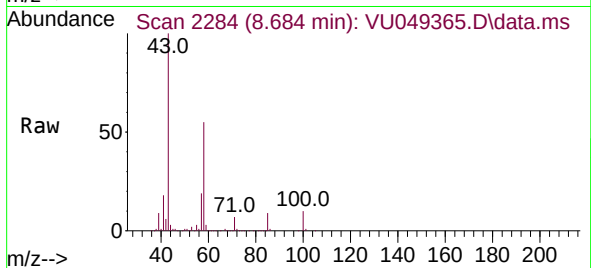
Tgt Ion:	164	Resp:	64999
Ion	Ratio	Lower	Upper
164	100		
129	96.3	70.9	131.7
131	96.1	66.2	123.0
166	125.5	88.1	163.5



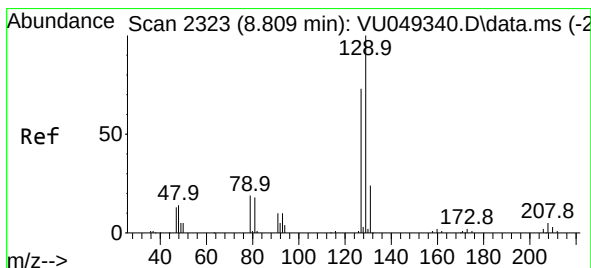
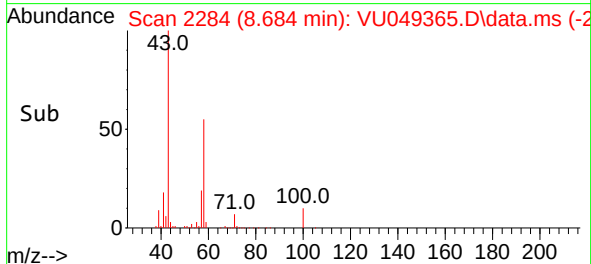
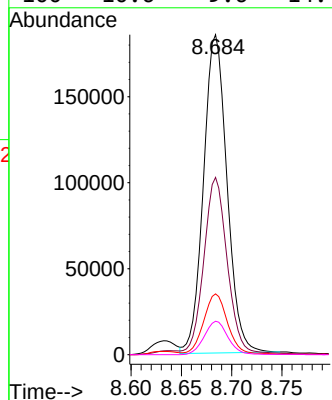


#48
2-Hexanone
Concen: 102.163 ug/L
RT: 8.684 min Scan# 21131
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Instrument :
MSVOA_U
ClientSampleId :

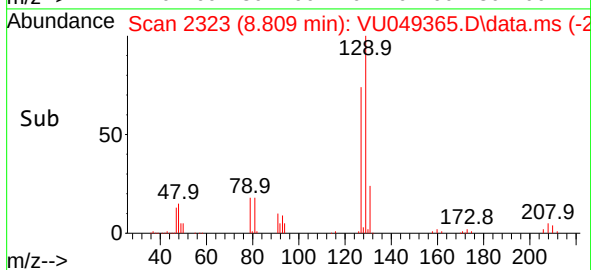
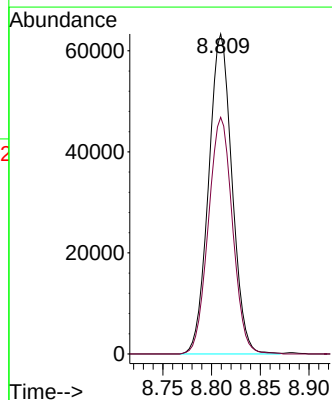
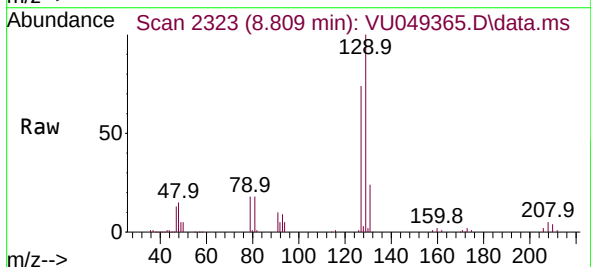


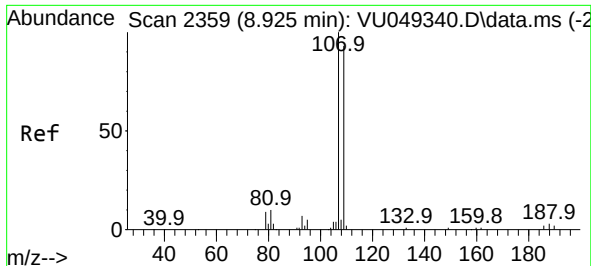
Tgt Ion: 43 Resp: 301131
Ion Ratio Lower Upper
43 100
58 55.4 45.8 68.8
57 19.2 16.2 24.4
100 10.6 9.6 14.4



#49
Dibromochloromethane
Concen: 45.621 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion: 129 Resp: 105927
Ion Ratio Lower Upper
129 100
127 74.0 53.5 99.5





#50

1,2-Dibromoethane

Concen: 47.125 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

Instrument :

MSVOA_U

ClientSampleId :

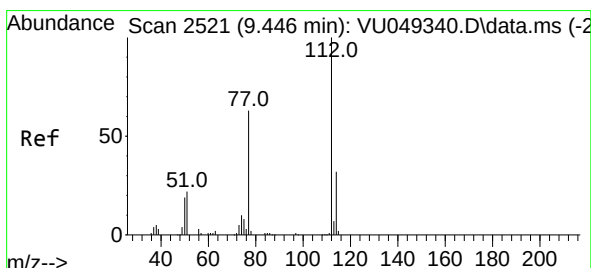
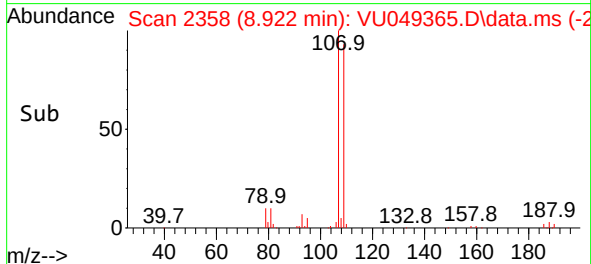
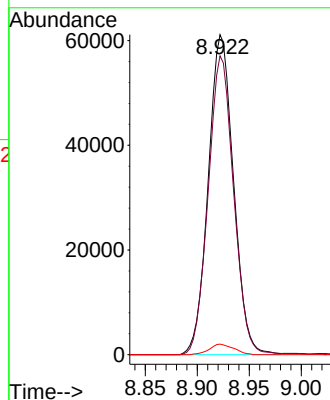
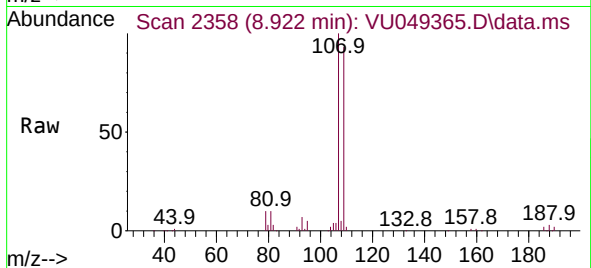
Tgt Ion:107 Resp: 103385

Ion Ratio Lower Upper

107 100

109 93.4 67.2 124.8

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 45.068 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

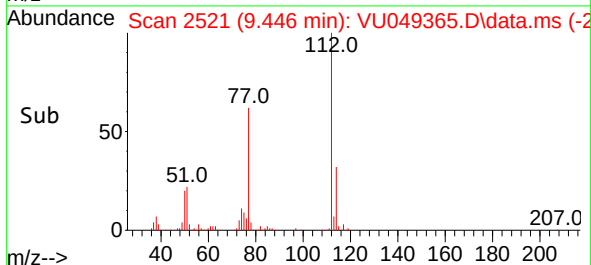
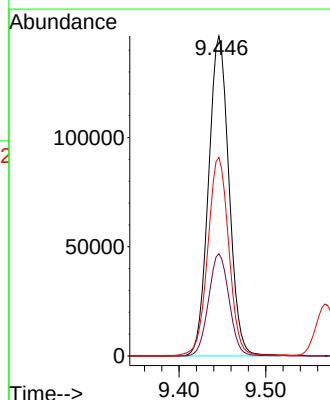
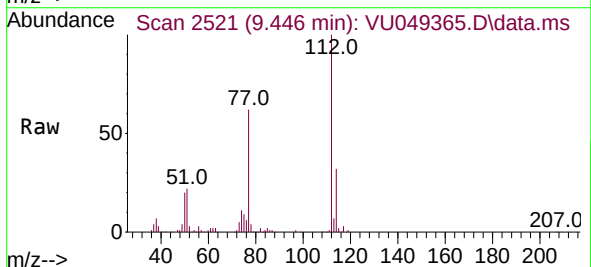
Tgt Ion:112 Resp: 240309

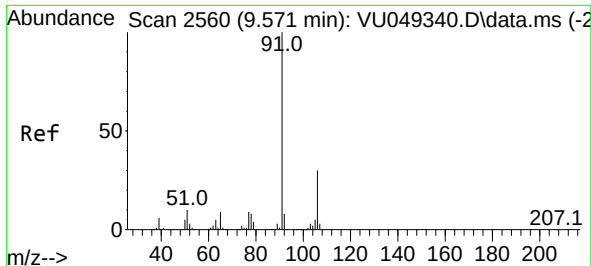
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.3

77 62.0 47.1 70.7

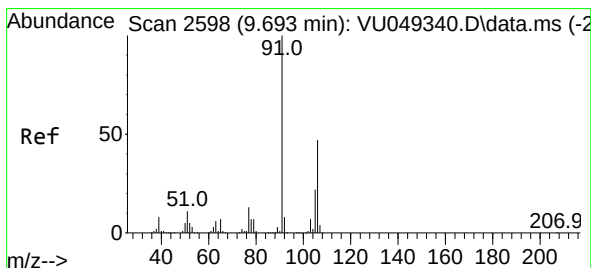
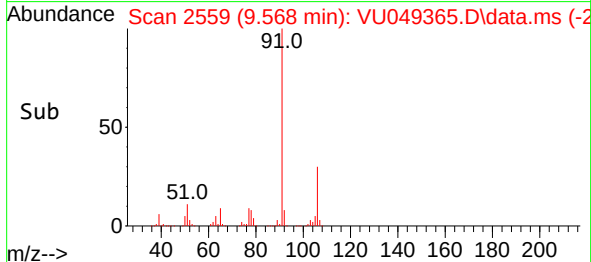
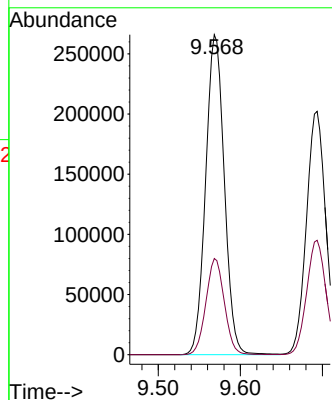
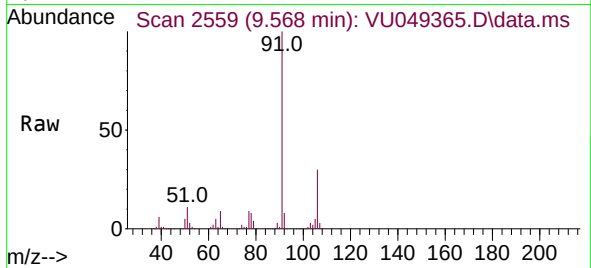




#52
Ethylbenzene
Concen: 48.944 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

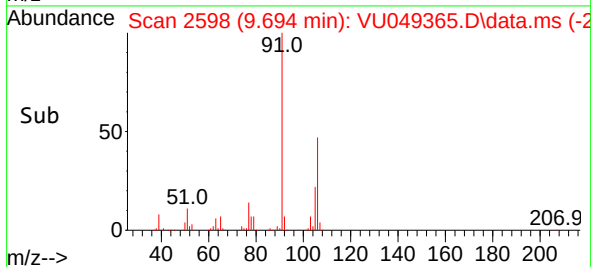
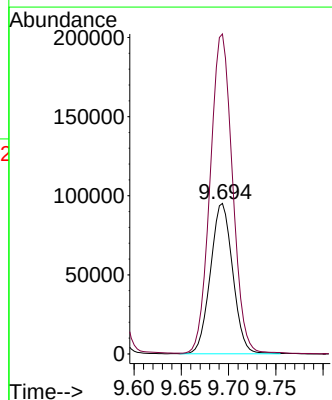
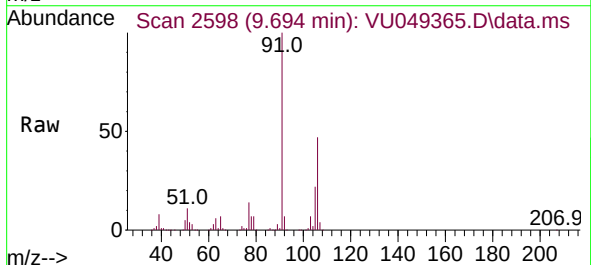
Instrument :
MSVOA_U
ClientSampleId :

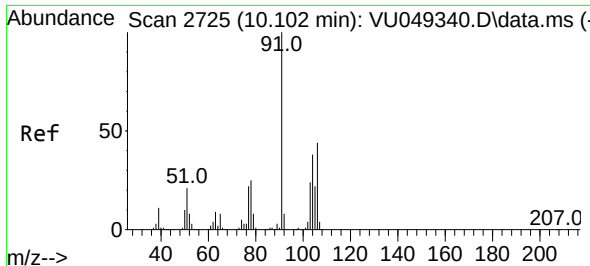
Tgt Ion: 91 Resp: 419768
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.2



#53
m,p-Xylene
Concen: 46.168 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion:106 Resp: 155493
Ion Ratio Lower Upper
106 100
91 212.6 137.4 255.2

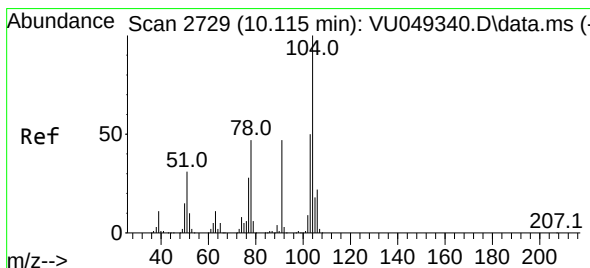
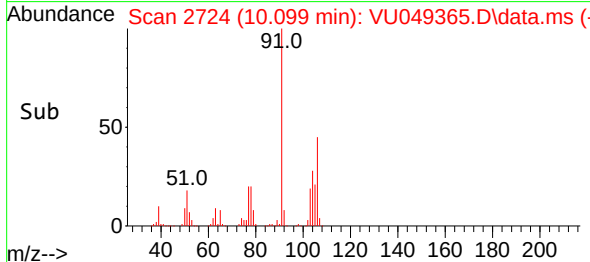
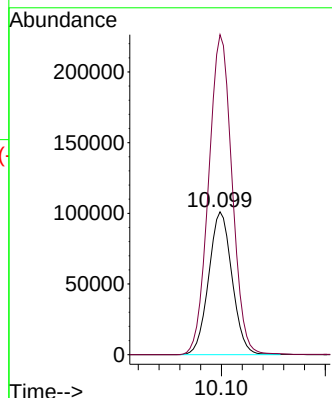
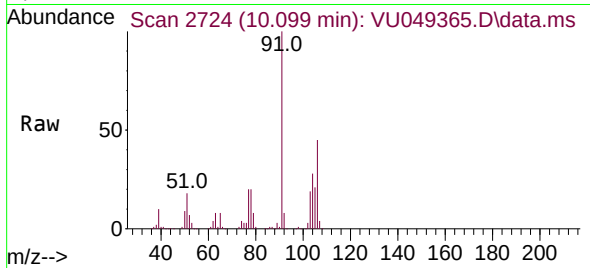




#54
o-Xylene
Concen: 46.488 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

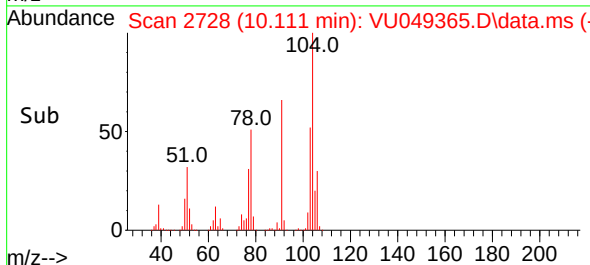
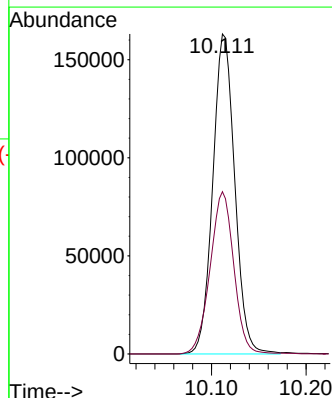
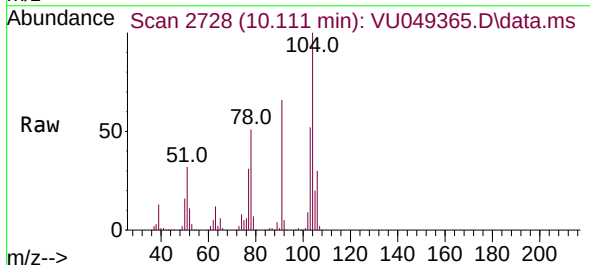
Instrument :
MSVOA_U
ClientSampleId :

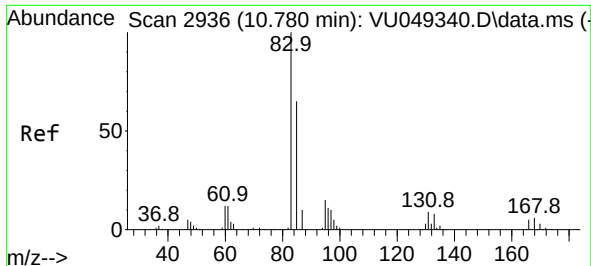
Tgt Ion:106 Resp: 157749
Ion Ratio Lower Upper
106 100
91 224.0 145.2 269.6



#55
Styrene
Concen: 46.525 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion:104 Resp: 263642
Ion Ratio Lower Upper
104 100
78 50.7 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 47.547 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

Instrument :

MSVOA_U

ClientSampleId :

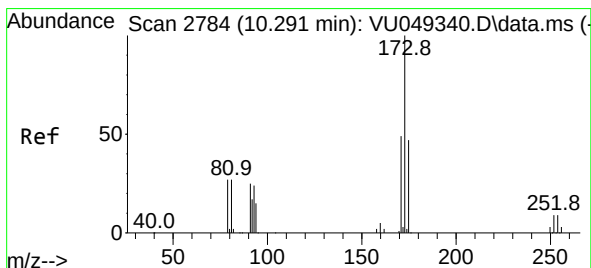
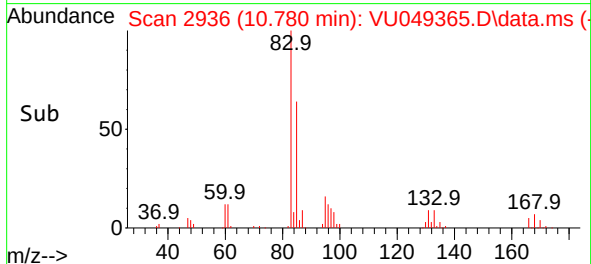
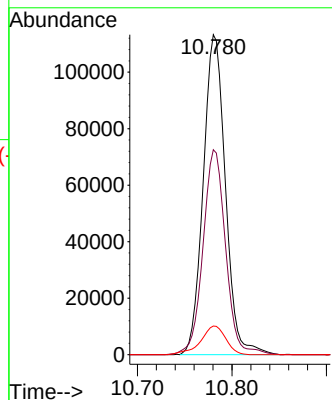
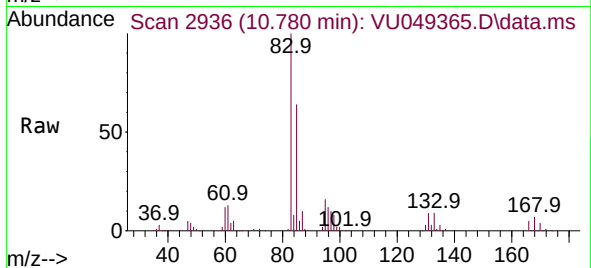
Tgt Ion: 83 Resp: 184780

Ion Ratio Lower Upper

83 100

85 64.1 44.5 82.7

131 9.0 7.6 11.4



#59

Bromoform

Concen: 43.019 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

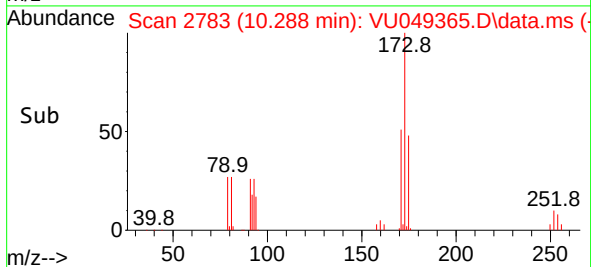
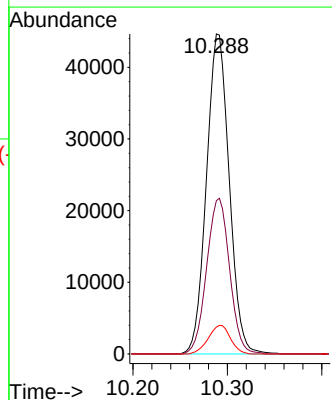
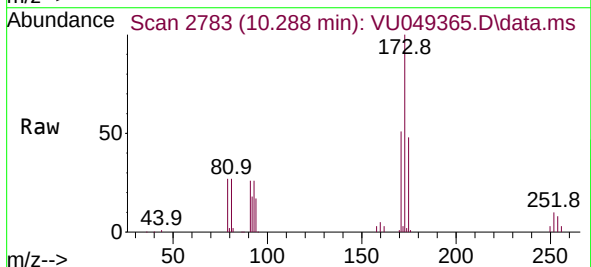
Tgt Ion:173 Resp: 74639

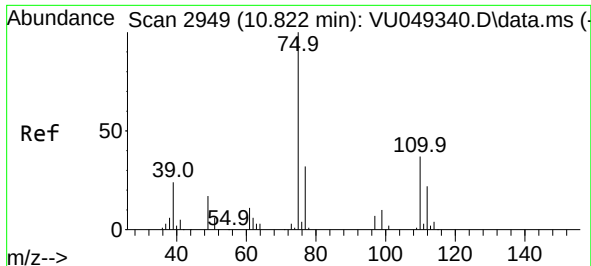
Ion Ratio Lower Upper

173 100

175 49.0 37.8 56.8

254 8.7 7.2 10.8

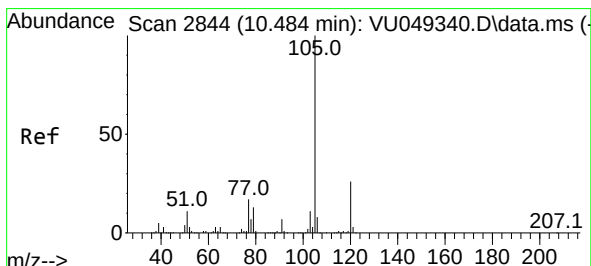
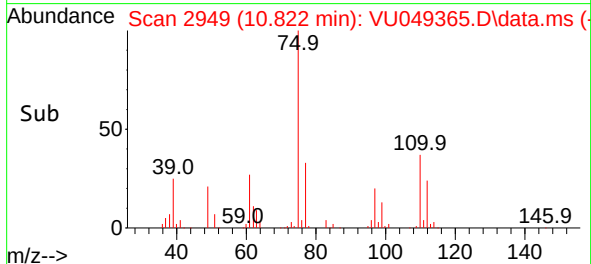
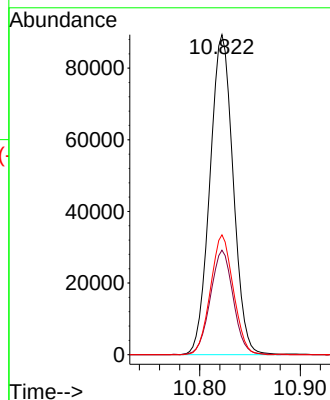
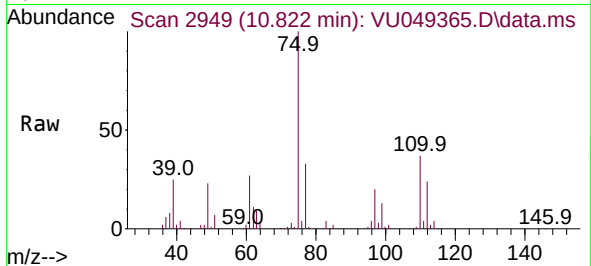




#60
1,2,3-Trichloropropane
Concen: 48.131 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

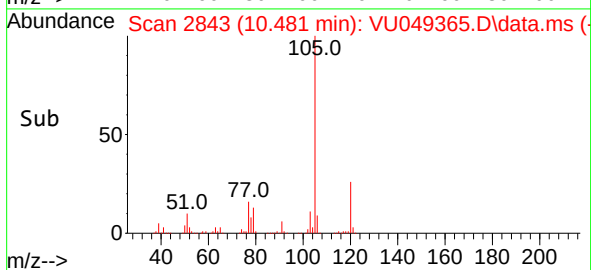
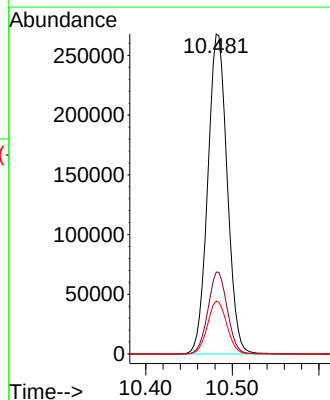
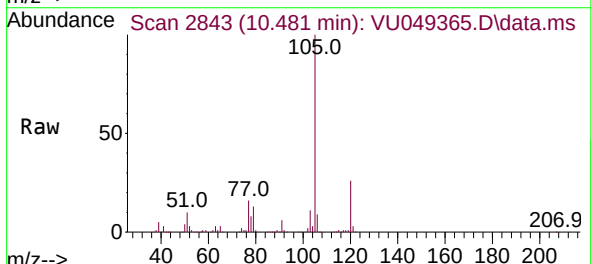
Instrument :
MSVOA_U
ClientSampleId :

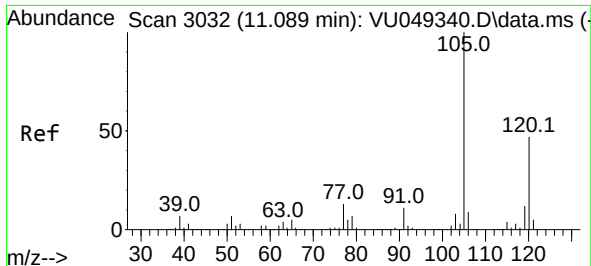
Tgt Ion: 75 Resp: 143532
Ion Ratio Lower Upper
75 100
77 32.2 26.6 40.0
110 36.8 30.2 45.4



#61
Isopropylbenzene
Concen: 52.069 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion: 105 Resp: 415812
Ion Ratio Lower Upper
105 100
120 25.5 21.1 31.7
77 16.5 12.7 19.1

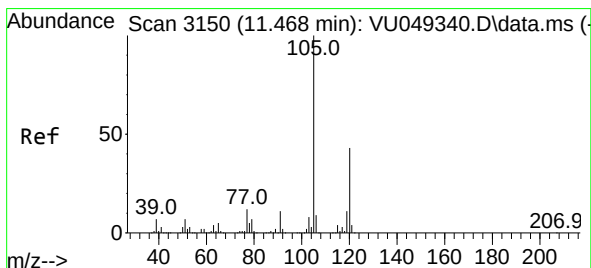
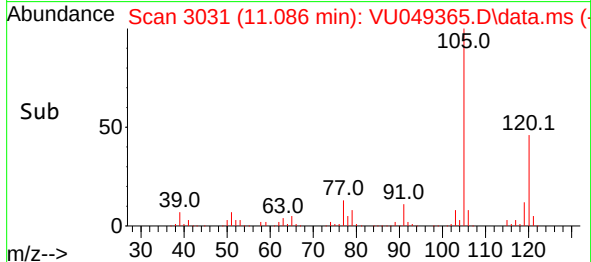
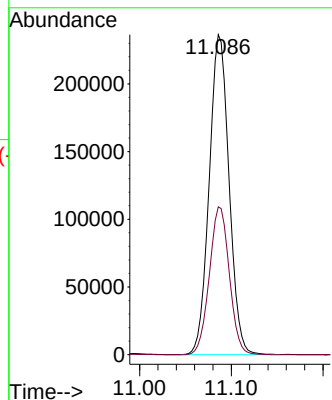
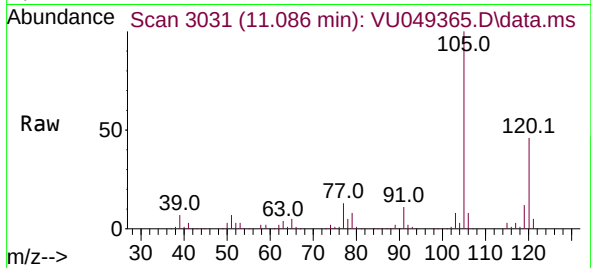




#62
 1,3,5-Trimethylbenzene
 Concen: 52.194 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU049365.D
 Acq: 22 Jun 2022 20:28

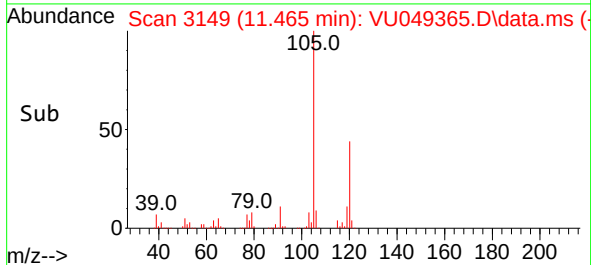
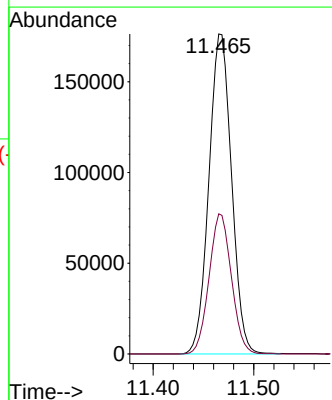
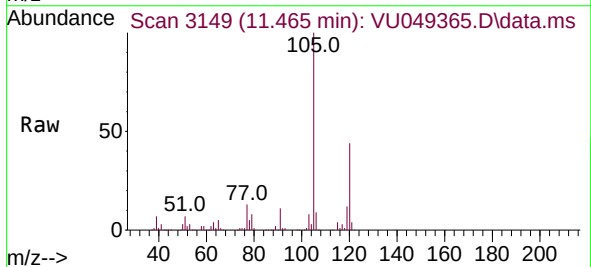
Instrument :
 MSVOA_U
 ClientSampleId :

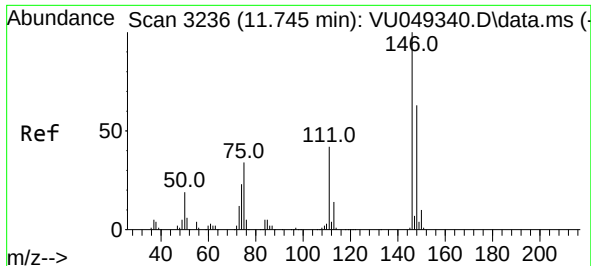
Tgt Ion:105 Resp: 355849
 Ion Ratio Lower Upper
 105 100
 120 46.4 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 50.801 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU049365.D
 Acq: 22 Jun 2022 20:28

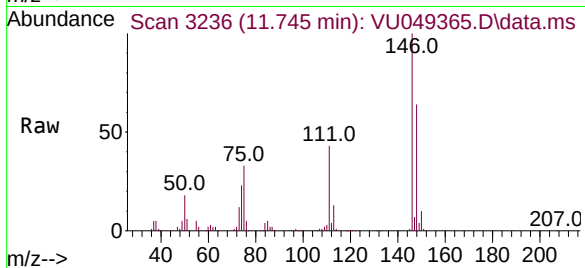
Tgt Ion:105 Resp: 275751
 Ion Ratio Lower Upper
 105 100
 120 43.1 36.3 54.5



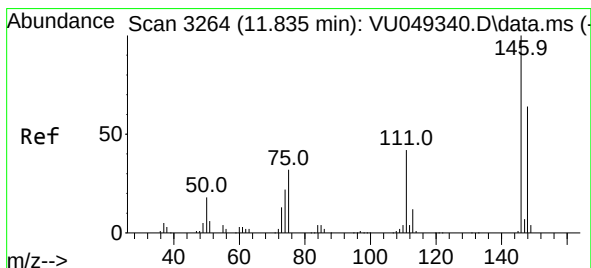
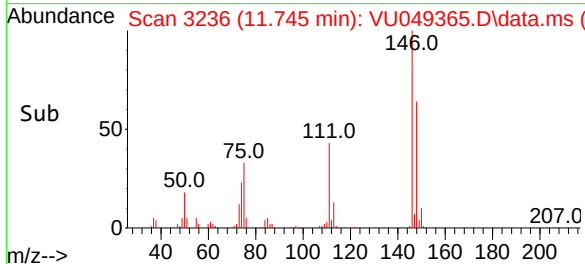
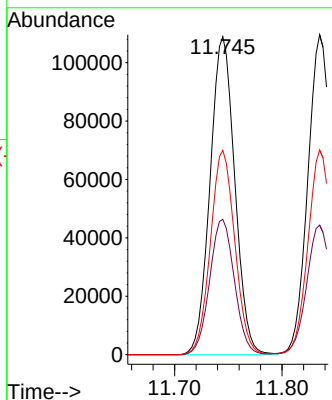


#64
1,3-Dichlorobenzene
Concen: 44.406 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Instrument :
MSVOA_U
ClientSampleId :

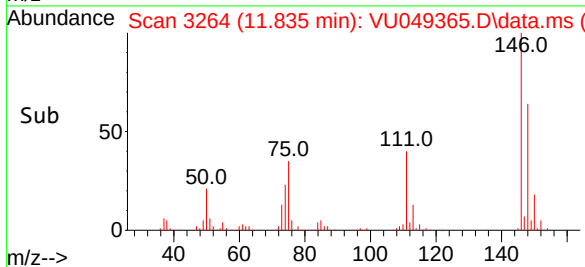
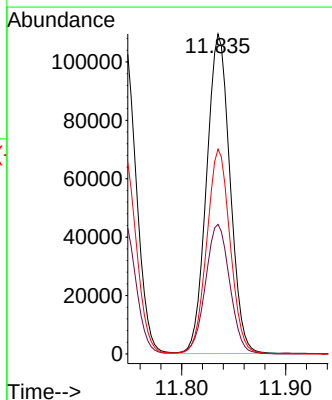
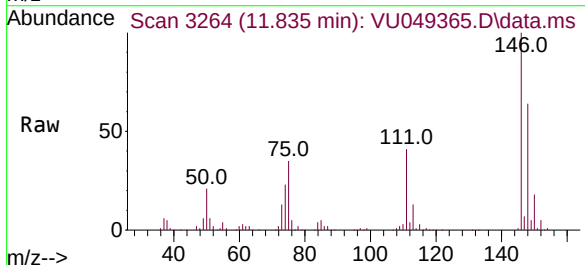


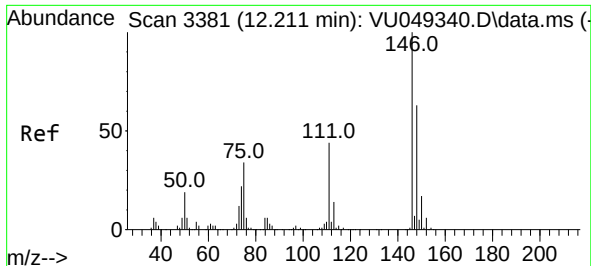
Tgt Ion:146 Resp: 173956
Ion Ratio Lower Upper
146 100
111 42.6 29.8 55.3
148 64.3 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 43.239 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion:146 Resp: 171495
Ion Ratio Lower Upper
146 100
111 40.5 28.1 52.1
148 64.0 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 45.064 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

Instrument :

MSVOA_U

ClientSampleId :

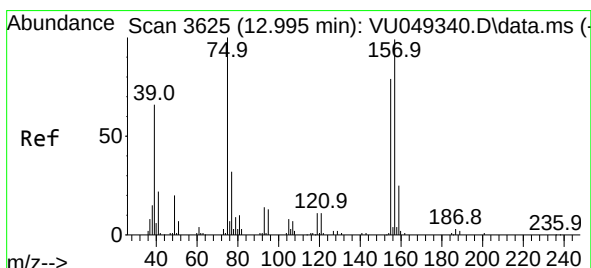
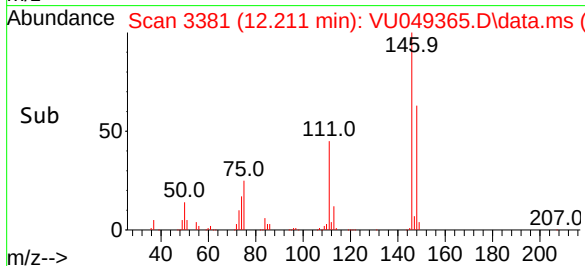
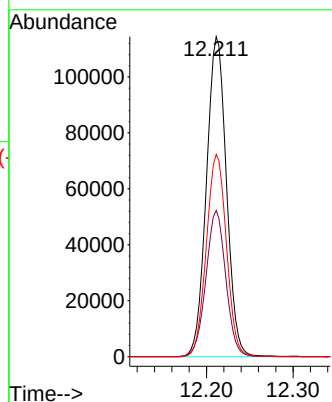
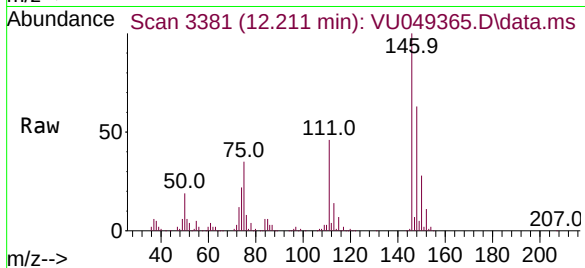
Tgt Ion:146 Resp: 183199

Ion Ratio Lower Upper

146 100

111 45.7 33.9 50.9

148 63.2 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 45.976 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049365.D

Acq: 22 Jun 2022 20:28

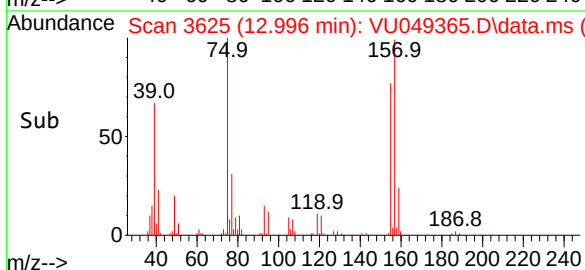
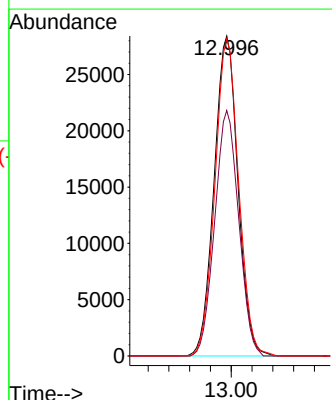
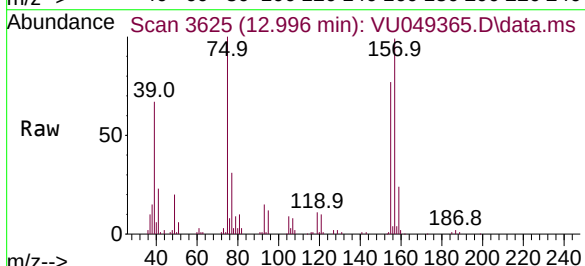
Tgt Ion: 75 Resp: 45252

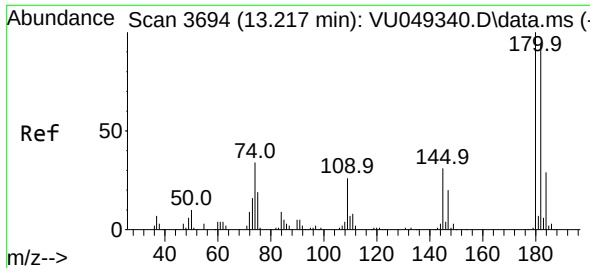
Ion Ratio Lower Upper

75 100

155 76.7 61.0 91.6

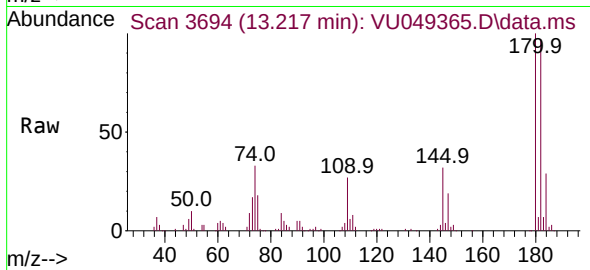
157 99.2 77.6 116.4



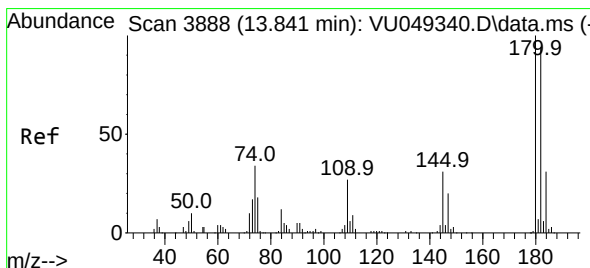
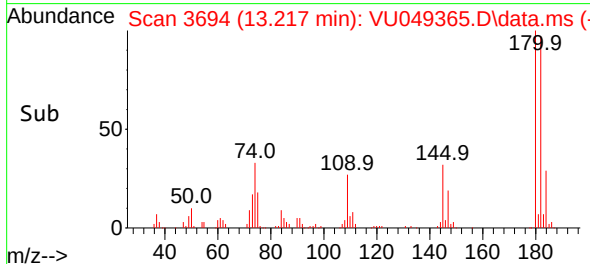
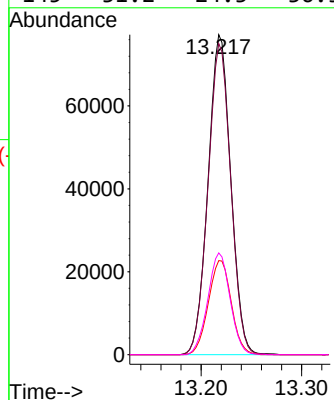


#69
 1,3,5-Trichlorobenzene
 Concen: 43.335 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU049365.D
 Acq: 22 Jun 2022 20:28

Instrument :
 MSVOA_U
 ClientSampleId :

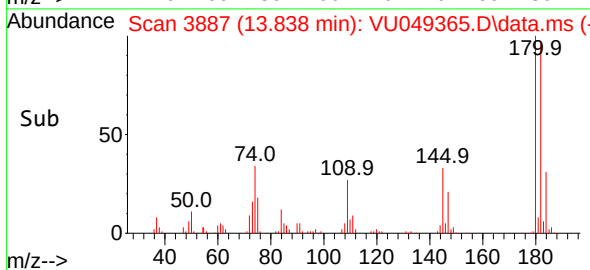
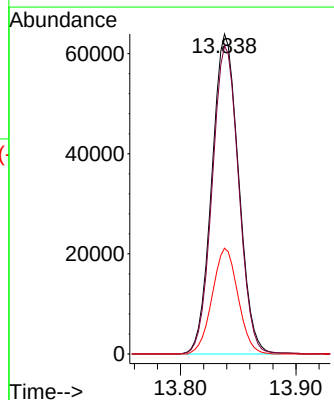
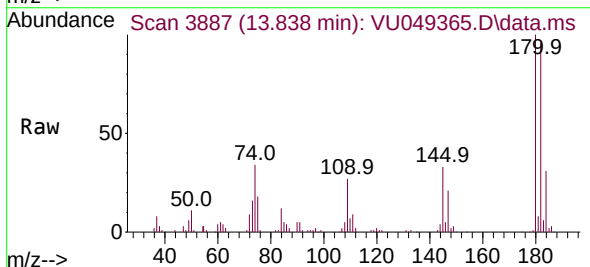


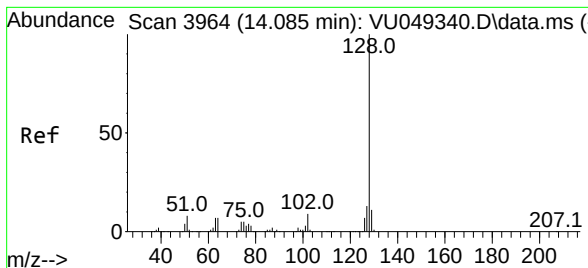
Tgt Ion:180 Resp: 121272
 Ion Ratio Lower Upper
 180 100
 182 97.1 76.0 114.0
 184 29.7 24.5 36.7
 145 31.2 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 43.429 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU049365.D
 Acq: 22 Jun 2022 20:28

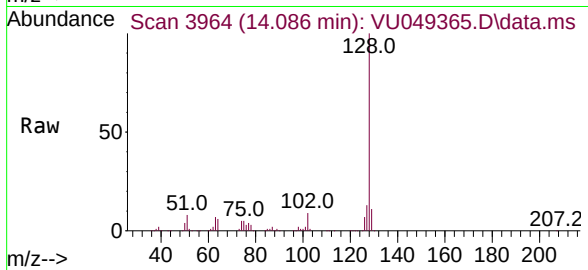
Tgt Ion:180 Resp: 102772
 Ion Ratio Lower Upper
 180 100
 182 95.1 78.2 117.2
 145 31.9 25.0 37.4



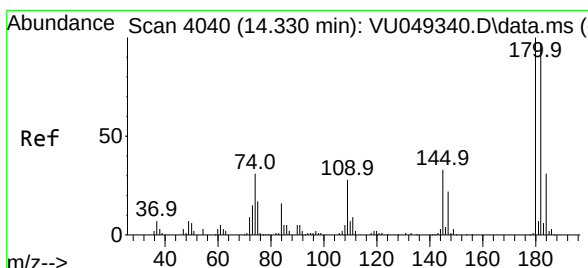
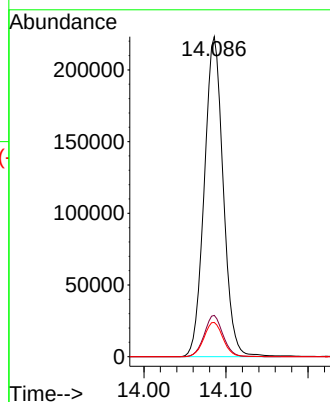
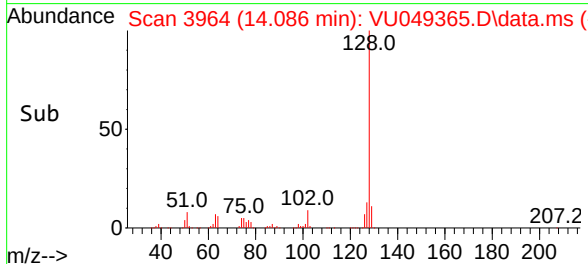


#71
Naphthalene
Concen: 42.674 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 357282
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 44.028 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU049365.D
Acq: 22 Jun 2022 20:28

Tgt Ion:180 Resp: 110210
Ion Ratio Lower Upper
180 100
182 95.2 77.3 115.9
145 33.8 26.3 39.5

