

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101222\
 Data File : VU051395.D
 Acq On : 12 Oct 2022 16:29
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 13 19:20:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 13 01:37:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	210988	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	219909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	91712	5.389	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.800%
7) Chloroethane-d5	1.909	69	68114	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.562	65	34357	5.107	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.639	46	165999	44.301	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.600%
24) Chloroform-d	5.060	84	143346	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.703	65	73682	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.726	84	269849	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.690	67	89264	4.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.896	98	248325	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.179	79	31457	4.660	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.635	63	101648	44.681	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.360%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	72204	4.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	73050	3.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	78637	4.569	ug/L	100
3) Chloromethane	1.520	50	113002	4.676	ug/L	99
5) Vinyl chloride	1.600	62	103683	4.374	ug/L	99
6) Bromomethane	1.854	94	58913	4.564	ug/L	97
8) Chloroethane	1.932	64	67616	4.473	ug/L	97
9) Trichlorofluoromethane	2.134	101	112046	4.101	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	75440	4.600	ug/L	100
12) 1,1-Dichloroethene	2.575	96	72528	4.714	ug/L	98
13) Acetone	2.652	43	159317	56.689	ug/L	97
14) Carbon disulfide	2.790	76	214282	4.547	ug/L	99
15) Methyl Acetate	2.957	43	36790	5.385	ug/L	99
16) Methylene chloride	3.041	84	130686	5.752	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	174480	4.950	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	77091	4.763	ug/L	98
19) 1,1-Dichloroethane	3.867	63	169631	5.078	ug/L	98
21) 2-Butanone	4.716	43	242344	54.716	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	85120	4.747	ug/L	98
23) Bromochloromethane	4.973	128	45304	5.296	ug/L	96
25) Chloroform	5.086	83	179292	5.139	ug/L	99

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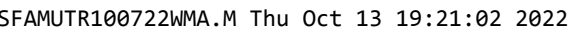
Instrument :
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 ClientSampleId :

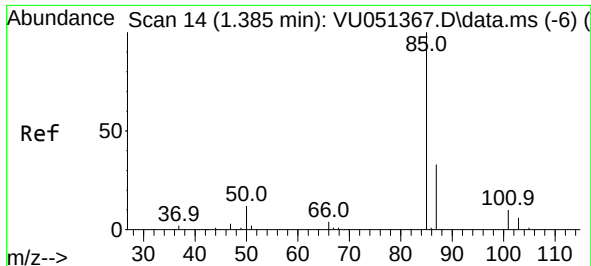
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 13 01:37:29 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	109469	5.238	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	131167	4.978	ug/L	99
30) Cyclohexane	5.388	56	90889	4.067	ug/L	99
31) Carbon tetrachloride	5.520	117	107537	4.823	ug/L	98
33) Benzene	5.771	78	371428	5.059	ug/L	100
34) Trichloroethene	6.539	95	85131	4.648	ug/L	98
35) Methylcyclohexane	6.761	83	93512	4.047	ug/L	97
37) 1,2-Dichloropropane	6.790	63	104316	5.184	ug/L	100
38) Bromodichloromethane	7.105	83	125661	5.235	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	118769	4.911	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	591352	56.015	ug/L	99
42) Toluene	7.967	91	383762	4.925	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	105923	5.065	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	74276	5.257	ug/L	97
47) Tetrachloroethene	8.552	164	61658	4.579	ug/L	97
48) 2-Hexanone	8.684	43	456794	58.112	ug/L	99
49) Dibromochloromethane	8.806	129	83479	5.262	ug/L	99
50) 1,2-Dibromoethane	8.922	107	68796	5.470	ug/L	98
51) Chlorobenzene	9.446	112	230550	4.951	ug/L	100
52) Ethylbenzene	9.568	91	325763	4.652	ug/L	99
53) m,p-Xylene	9.693	106	126423	4.655	ug/L	99
54) o-Xylene	10.098	106	125409	4.880	ug/L	99
55) Styrene	10.111	104	217201	4.910	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	95318	5.450	ug/L	97
59) Bromoform	10.288	173	45610	5.164	ug/L	99
60) Isopropylbenzene	10.481	105	307100	4.567	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	70151	5.232	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	74139	4.156	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	210180	4.166	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	157810	4.744	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	155280	4.736	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	156191	4.830	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	13898	5.419	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	102815	4.484	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	72316	4.438	ug/L	97
71) Naphthalene	14.085	128	118308	3.906	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	74220	4.403	ug/L	100

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

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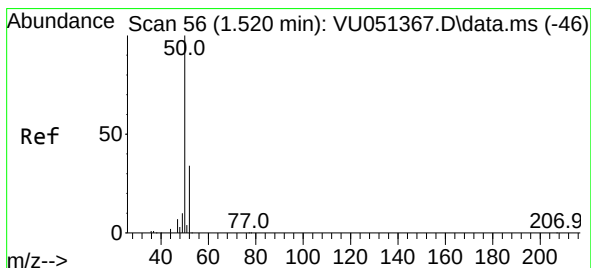
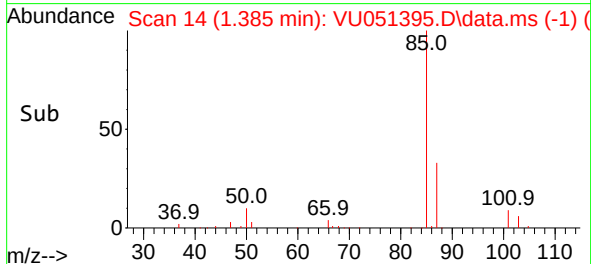
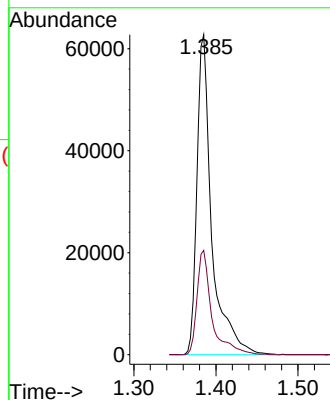
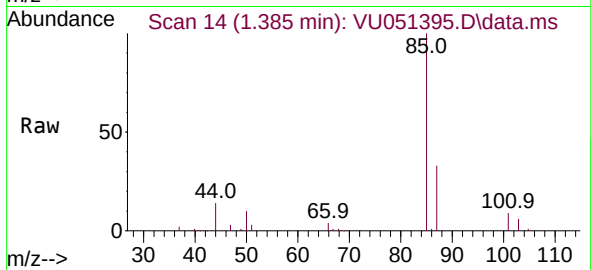




#2
 Dichlorodifluoromethane
 Concen: 4.569 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU051395.D
 Acq: 12 Oct 2022 16:29

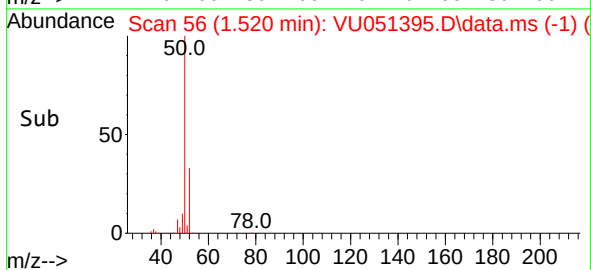
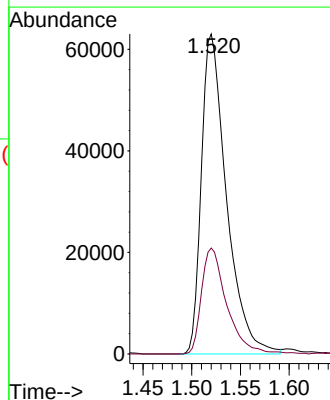
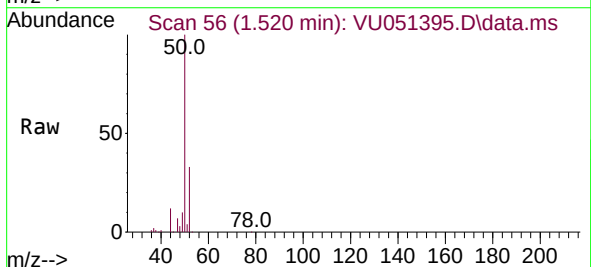
Instrument :
 MSVOA_U
 ClientSampleId :

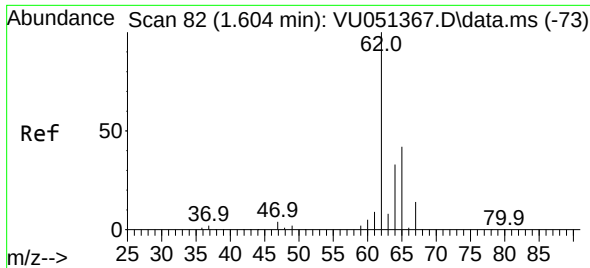
Tgt Ion: 85 Resp: 78637
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.676 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU051395.D
 Acq: 12 Oct 2022 16:29

Tgt Ion: 50 Resp: 113002
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.9 42.5

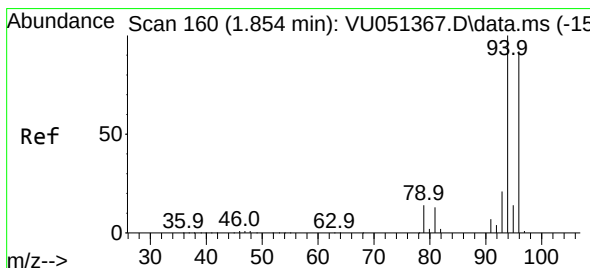
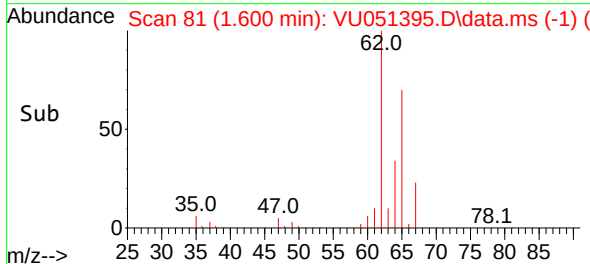
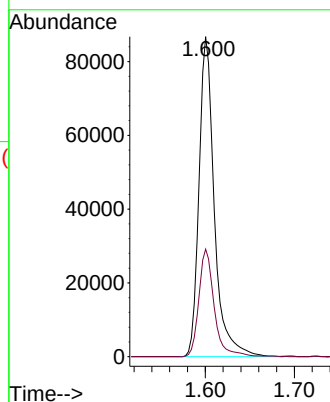
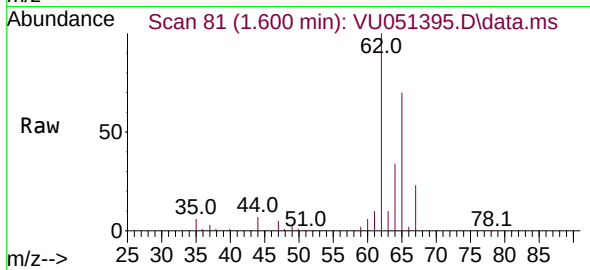




#5
 Vinyl chloride
 Concen: 4.374 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051395.D
 Acq: 12 Oct 2022 16:29

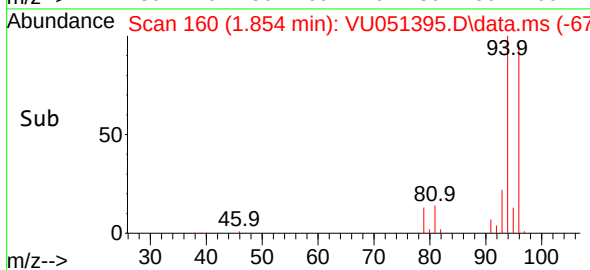
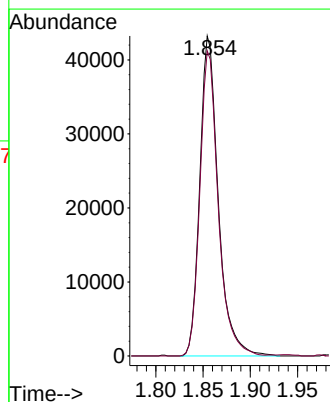
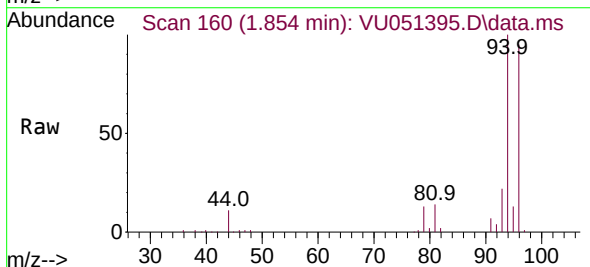
Instrument :
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 ClientSampleId :

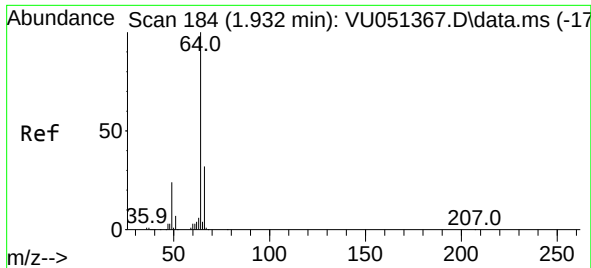
Tgt Ion: 62 Resp: 103683
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.0 44.6



#6
 Bromomethane
 Concen: 4.564 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU051395.D
 Acq: 12 Oct 2022 16:29

Tgt Ion: 94 Resp: 58913
 Ion Ratio Lower Upper
 94 100
 96 95.4 64.9 120.5

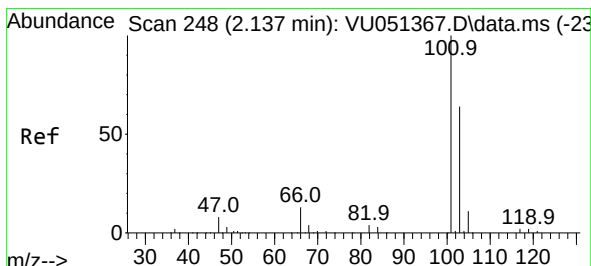
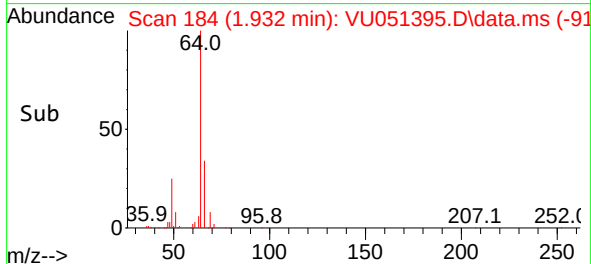
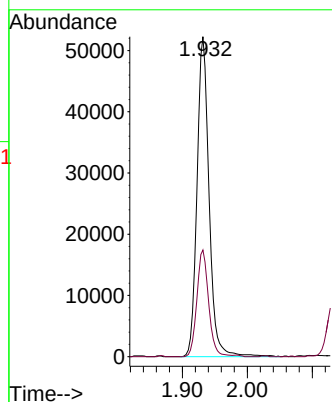
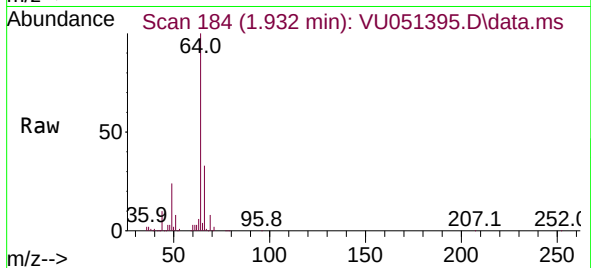




#8
Chloroethane
Concen: 4.473 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

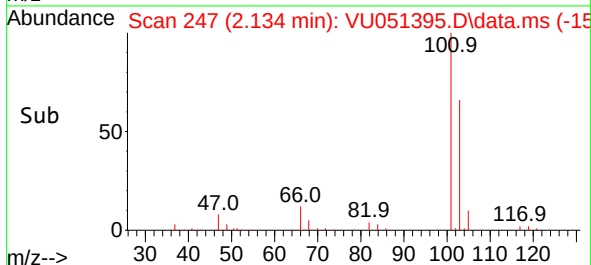
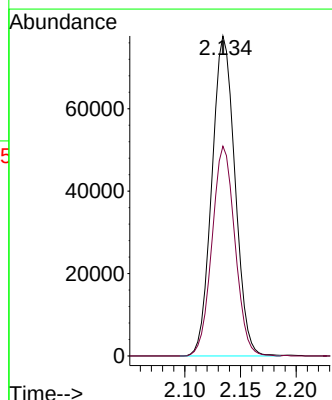
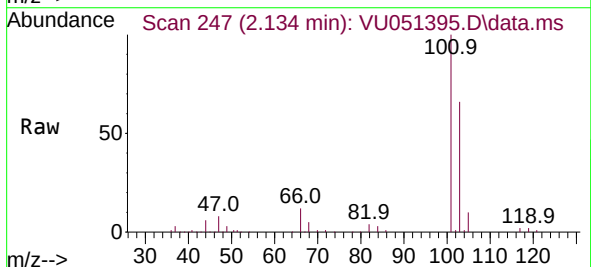
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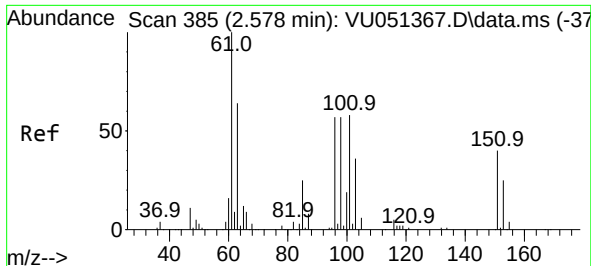
Tgt Ion: 64 Resp: 67616
Ion Ratio Lower Upper
64 100
66 33.4 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.101 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

Tgt Ion: 101 Resp: 112046
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2

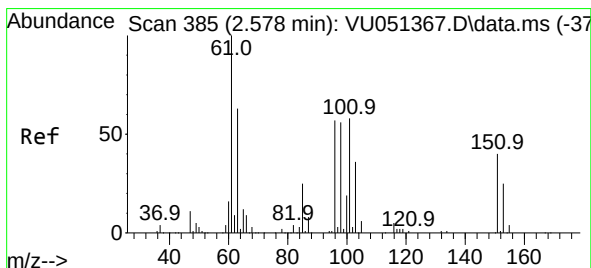
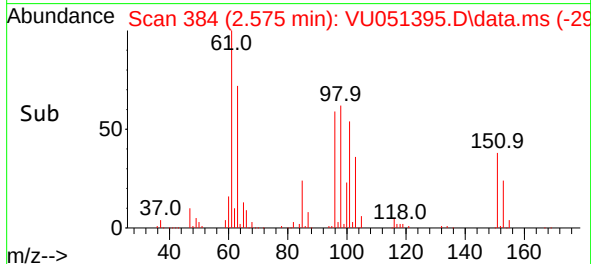
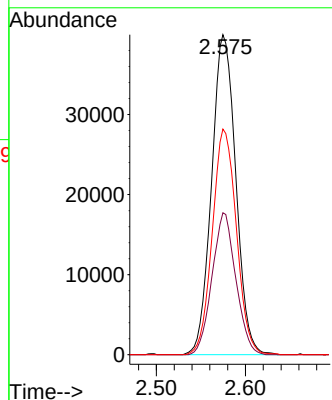
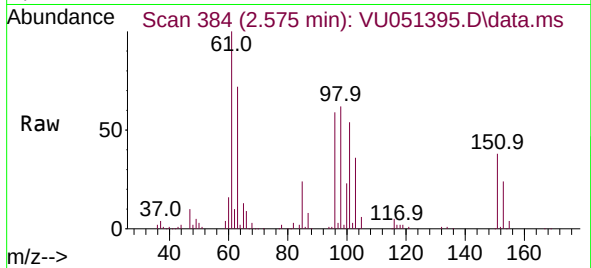




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.600 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051395.D
 Acq: 12 Oct 2022 16:29

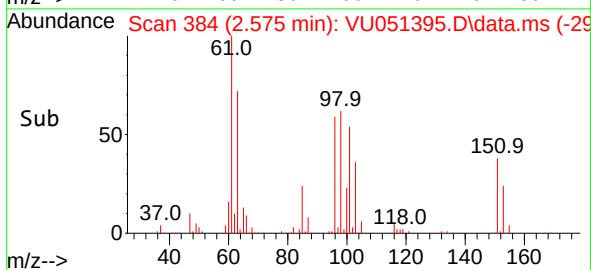
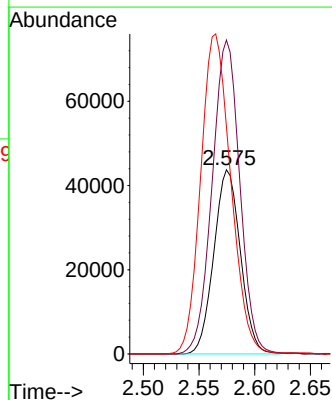
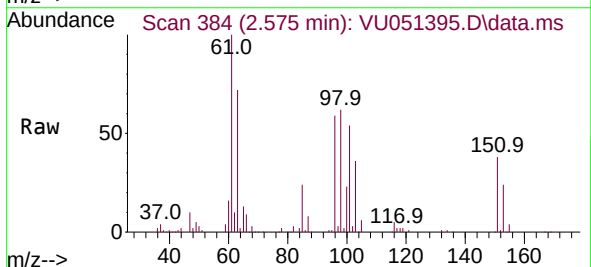
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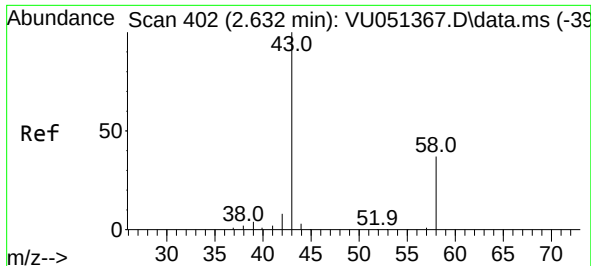
Tgt Ion:101 Resp: 75440
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.6 51.8
 151 70.2 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 4.714 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051395.D
 Acq: 12 Oct 2022 16:29

Tgt Ion: 96 Resp: 72528
 Ion Ratio Lower Upper
 96 100
 61 170.5 117.6 218.4
 63 123.3 85.2 158.2





#13

Acetone

Concen: 56.689 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.026 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

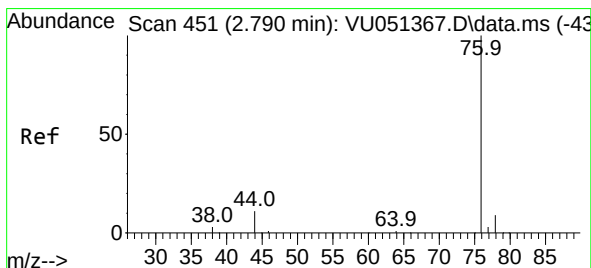
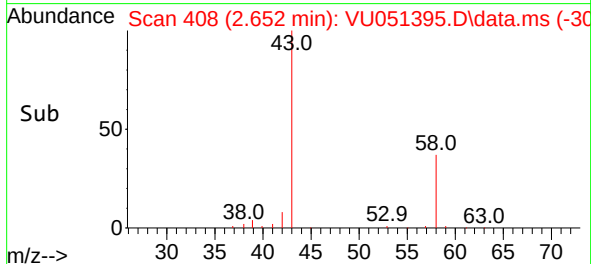
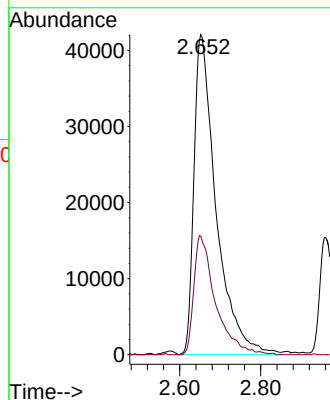
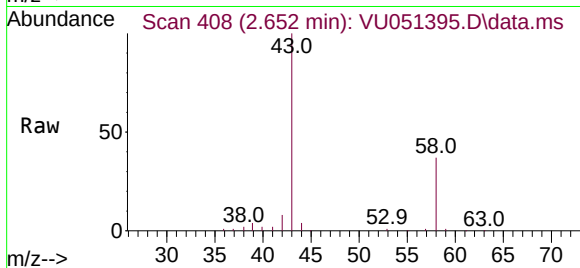
ClientSampleId :

Tgt Ion: 43 Resp: 159317

Ion Ratio Lower Upper

43 100

58 36.1 0.0 68.8



#14

Carbon disulfide

Concen: 4.547 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051395.D

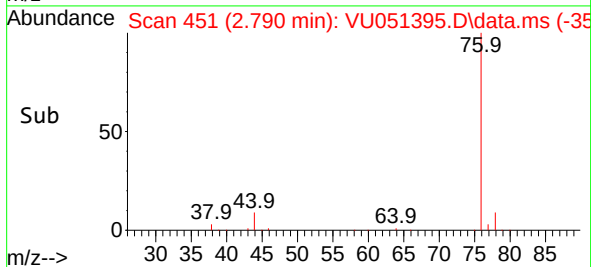
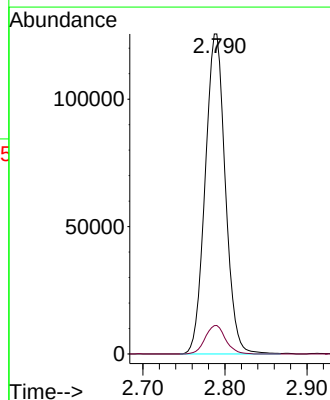
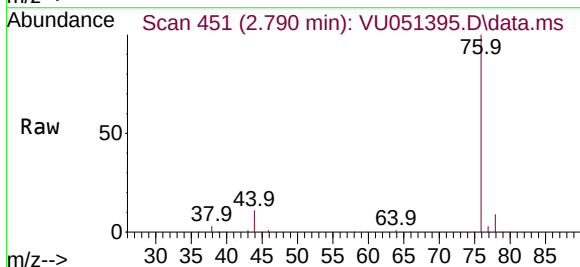
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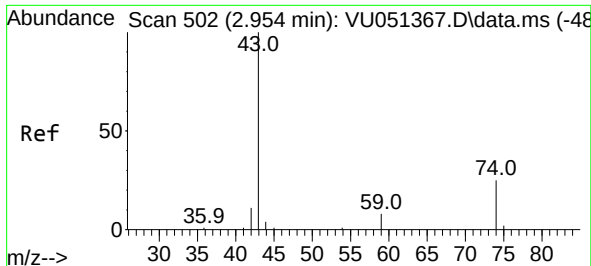
Tgt Ion: 76 Resp: 214282

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4

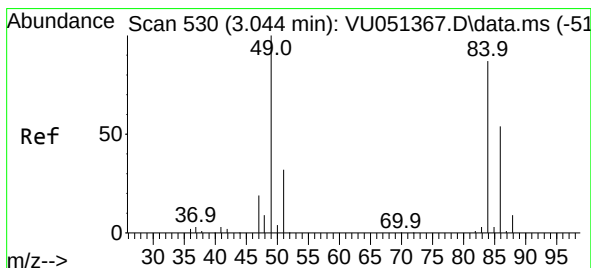
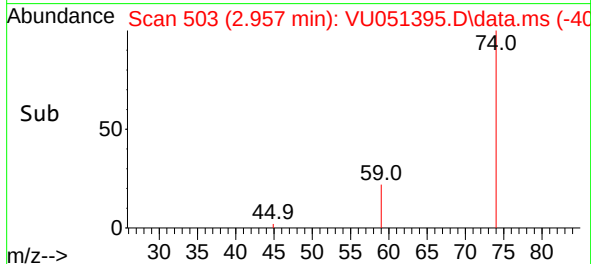
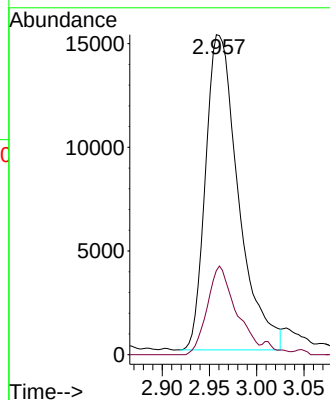
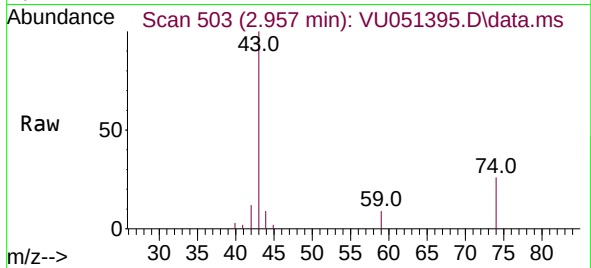




#15
Methyl Acetate
Concen: 5.385 ug/L
RT: 2.957 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

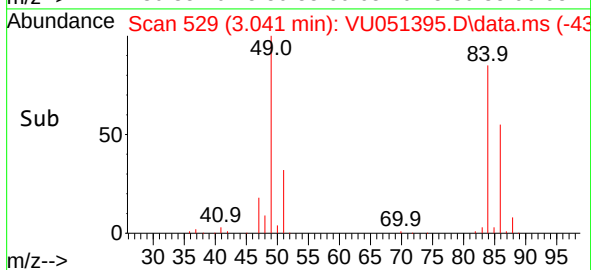
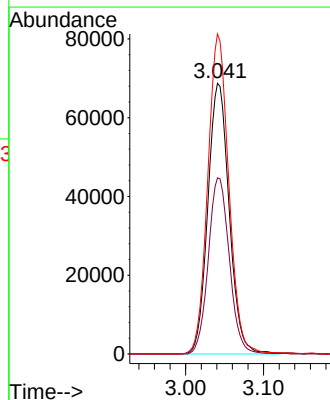
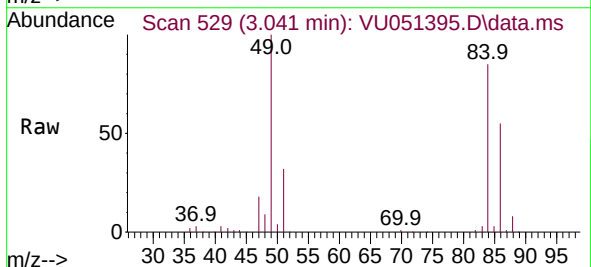
Instrument :
MSVOA_U
ClientSampleId :

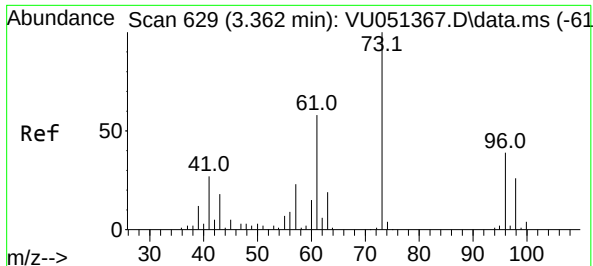
Tgt Ion: 43 Resp: 36790
Ion Ratio Lower Upper
43 100
74 24.6 20.0 30.0



#16
Methylene chloride
Concen: 5.752 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

Tgt Ion: 84 Resp: 130686
Ion Ratio Lower Upper
84 100
86 65.1 46.5 86.3
49 118.2 81.3 151.1





#17

Methyl tert-butyl Ether

Concen: 4.950 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

ClientSampleId :

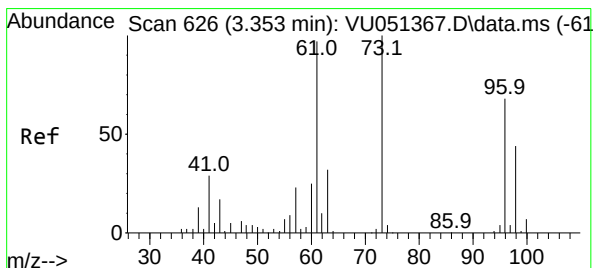
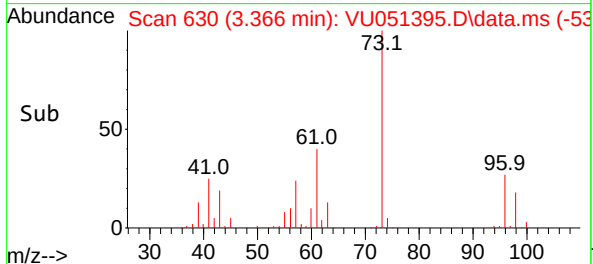
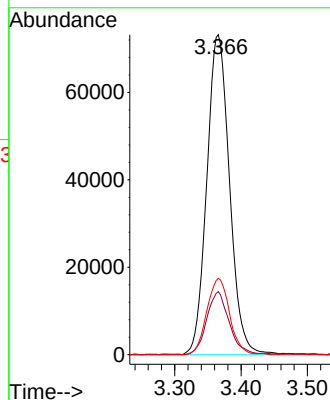
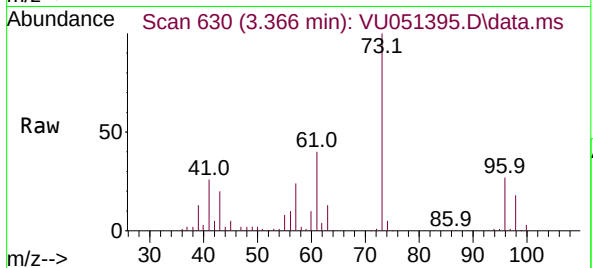
Tgt Ion: 73 Resp: 174480

Ion Ratio Lower Upper

73 100

43 19.5 15.4 23.0

57 23.7 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 4.763 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

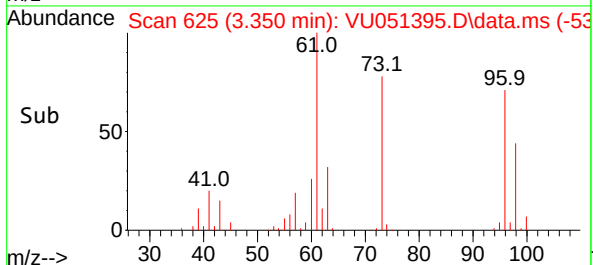
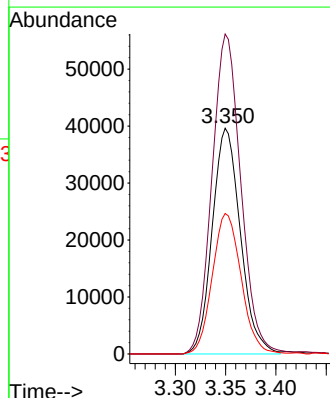
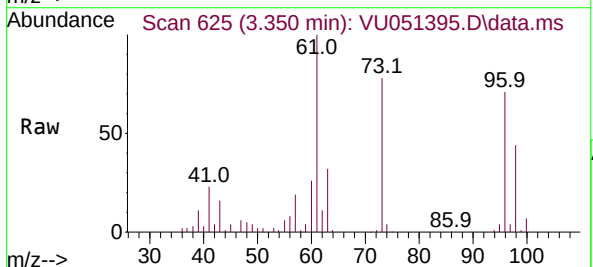
Tgt Ion: 96 Resp: 77091

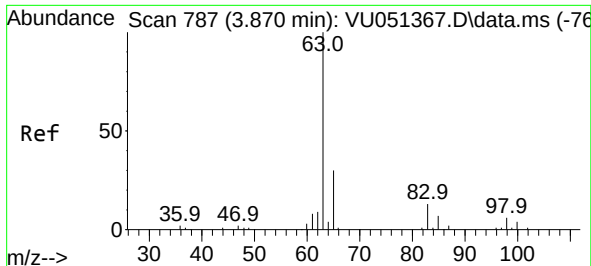
Ion Ratio Lower Upper

96 100

61 141.8 101.4 188.2

98 62.2 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.078 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.000 min MSVOA_U

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

ClientSampleId :

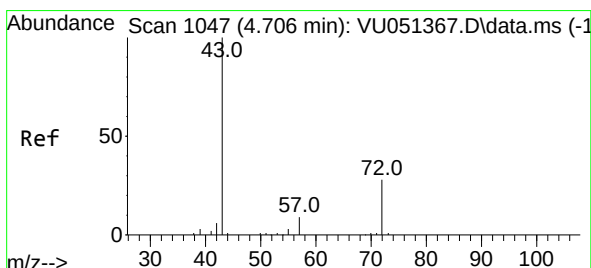
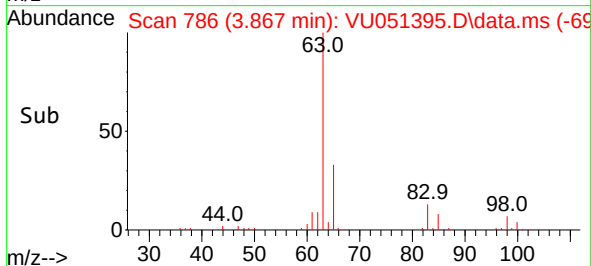
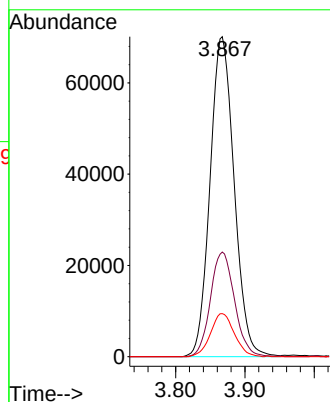
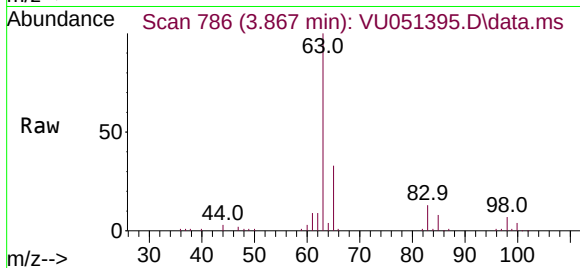
Tgt Ion: 63 Resp: 169631

Ion Ratio Lower Upper

63 100

65 32.7 22.0 41.0

83 13.5 9.0 16.6



#21

2-Butanone

Concen: 54.716 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.013 min

Lab File: VU051395.D

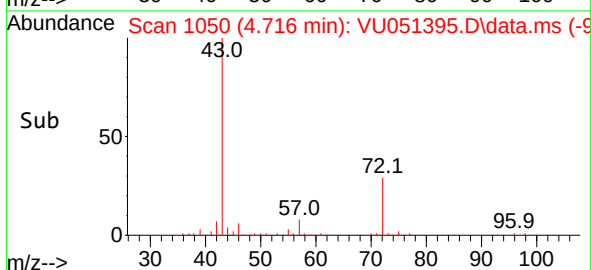
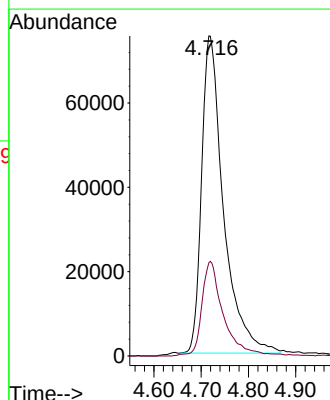
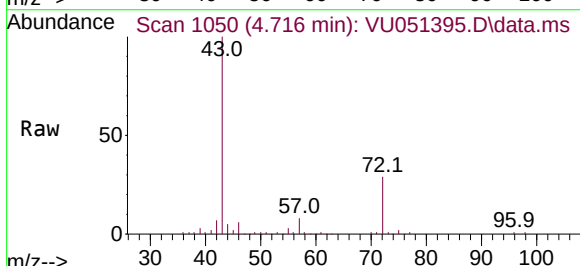
Acq: 12 Oct 2022 16:29

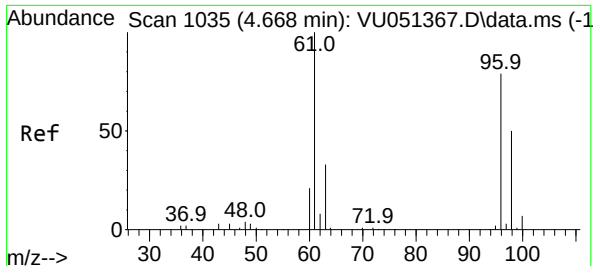
Tgt Ion: 43 Resp: 242344

Ion Ratio Lower Upper

43 100

72 29.3 13.8 41.4

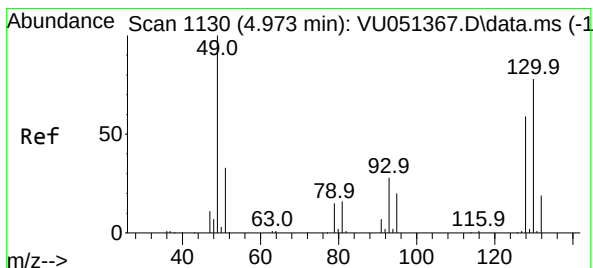
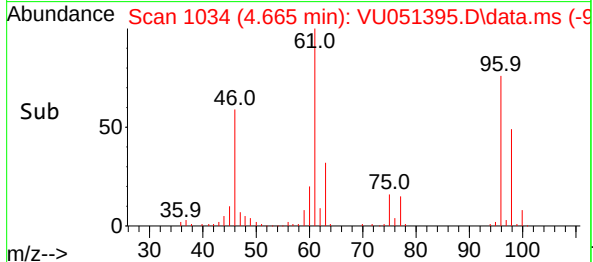
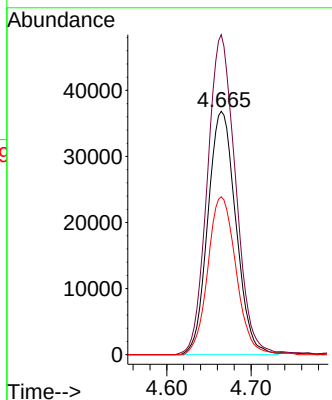
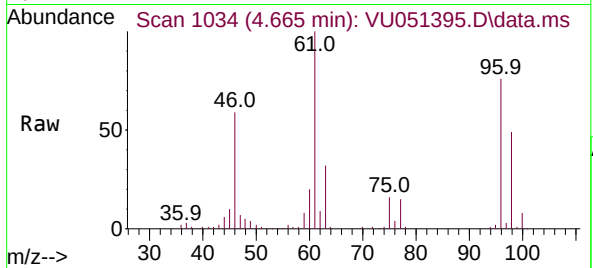




#22
 cis-1,2-Dichloroethene
 Concen: 4.747 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051395.D
 Acq: 12 Oct 2022 16:29

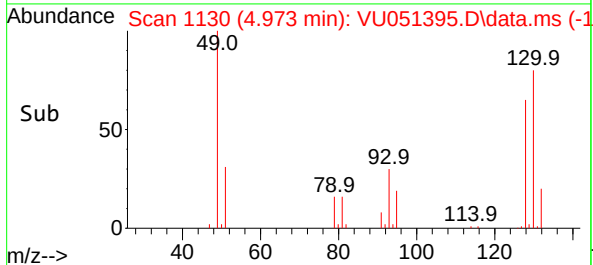
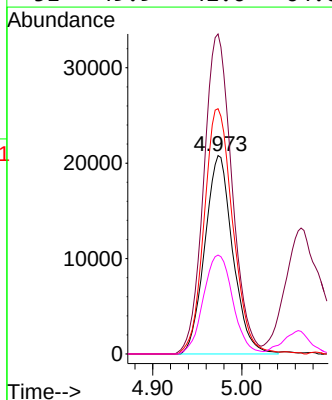
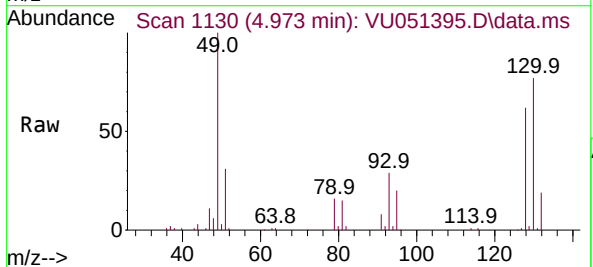
Instrument :
 MSVOA_U
 ClientSampleId :

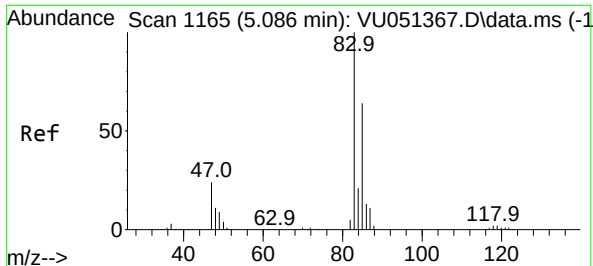
Tgt Ion: 96 Resp: 85120
 Ion Ratio Lower Upper
 96 100
 61 131.5 90.6 168.2
 98 64.9 47.5 88.3



#23
 Bromochloromethane
 Concen: 5.296 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051395.D
 Acq: 12 Oct 2022 16:29

Tgt Ion: 128 Resp: 45304
 Ion Ratio Lower Upper
 128 100
 49 161.3 118.0 219.2
 130 123.7 88.8 164.8
 51 49.9 42.6 64.0





#25

Chloroform

Concen: 5.139 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

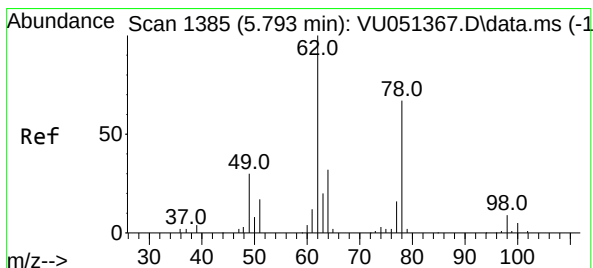
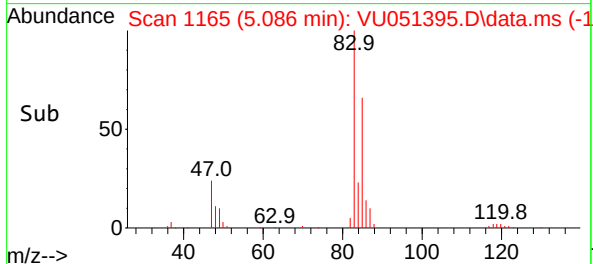
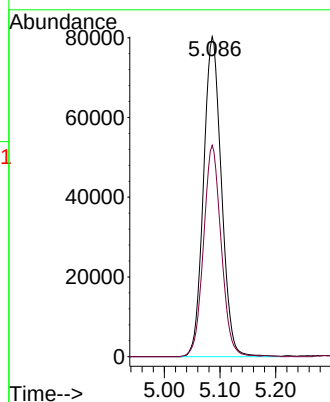
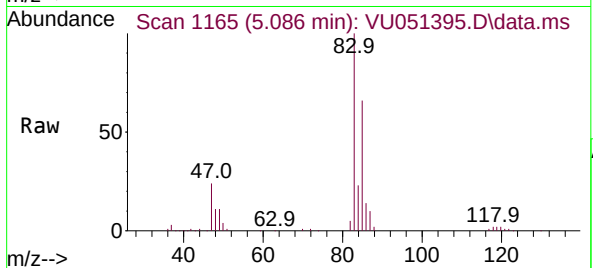
ClientSampleId :

Tgt Ion: 83 Resp: 179292

Ion Ratio Lower Upper

83 100

85 66.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.238 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051395.D

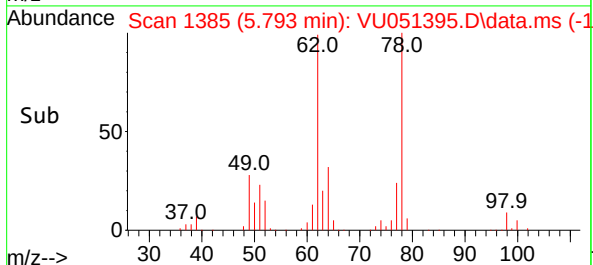
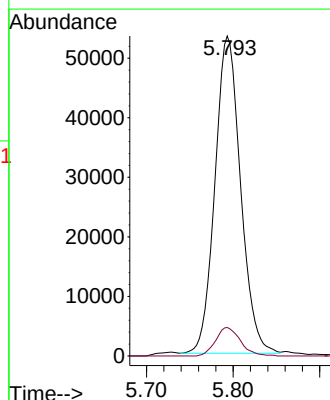
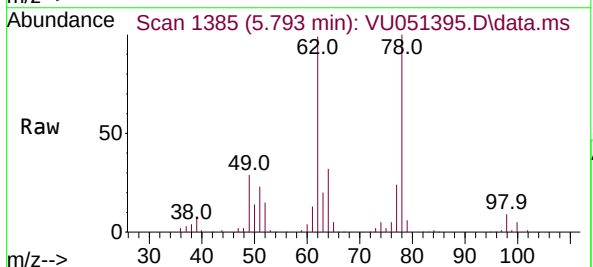
Acq: 12 Oct 2022 16:29

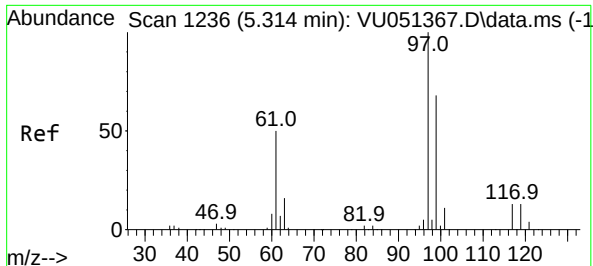
Tgt Ion: 62 Resp: 109469

Ion Ratio Lower Upper

62 100

98 8.9 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.978 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

ClientSampleId :

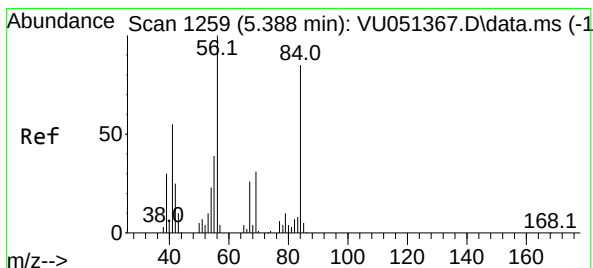
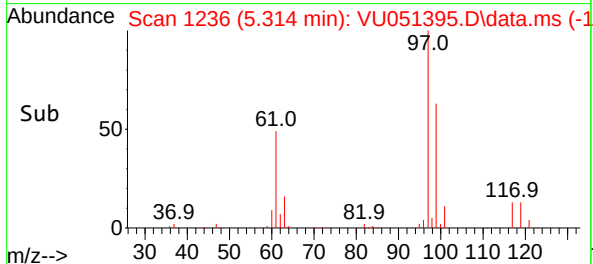
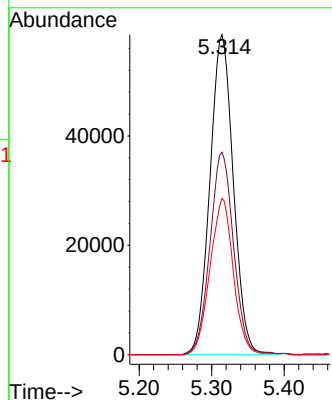
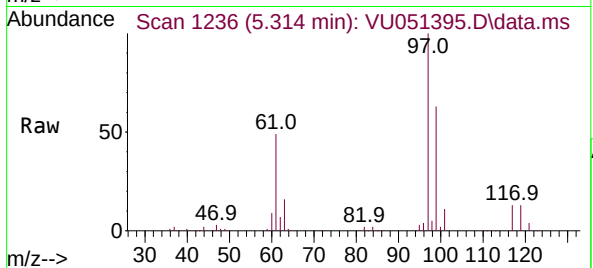
Tgt Ion: 97 Resp: 131167

Ion Ratio Lower Upper

97 100

99 64.1 50.2 75.4

61 48.5 38.7 58.1



#30

Cyclohexane

Concen: 4.067 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

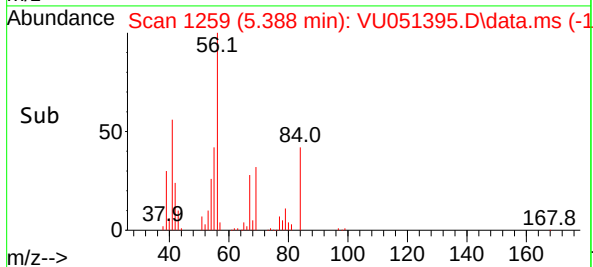
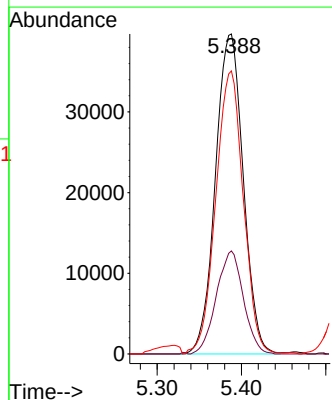
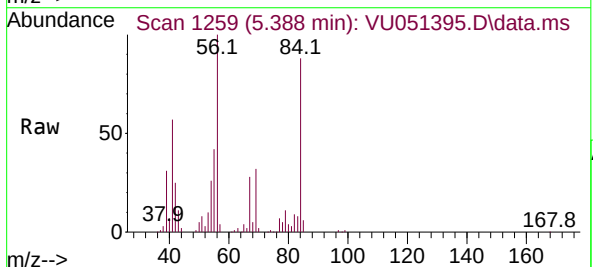
Tgt Ion: 56 Resp: 90889

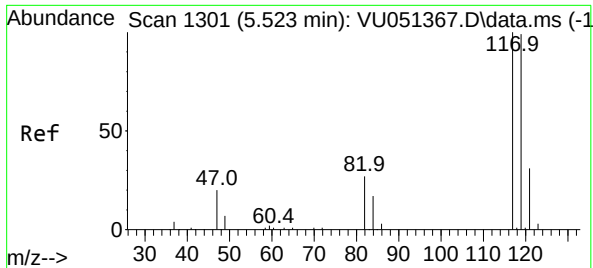
Ion Ratio Lower Upper

56 100

69 31.3 25.1 37.7

84 87.6 70.9 106.3

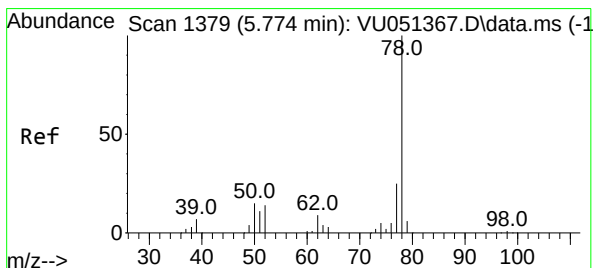
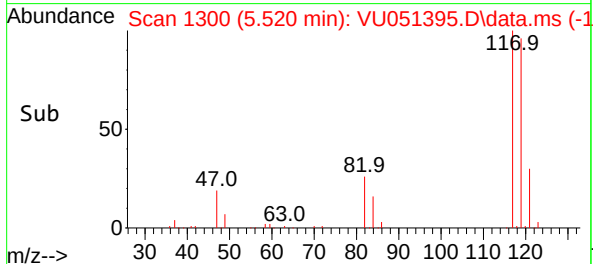
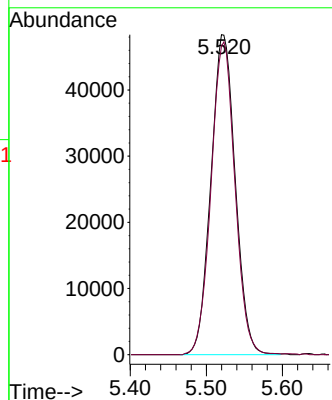
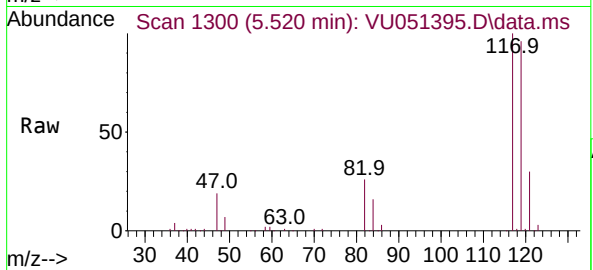




#31
Carbon tetrachloride
Concen: 4.823 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

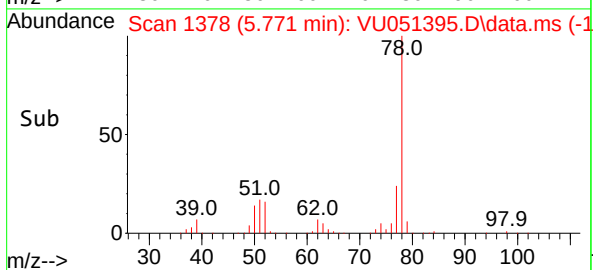
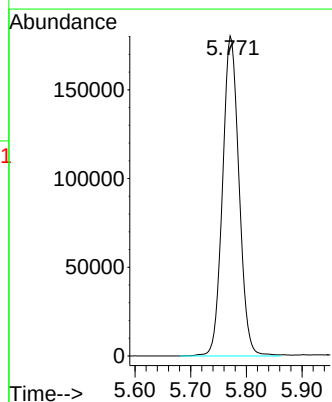
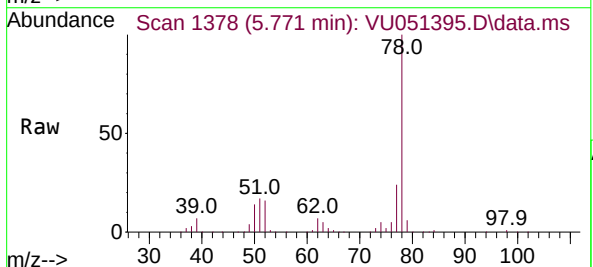
Instrument :
MSVOA_U
ClientSampleId :

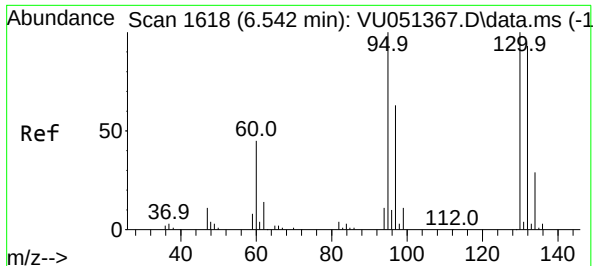
Tgt Ion:117 Resp: 107537
Ion Ratio Lower Upper
117 100
119 95.9 78.4 117.6



#33
Benzene
Concen: 5.059 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

Tgt Ion: 78 Resp: 371428

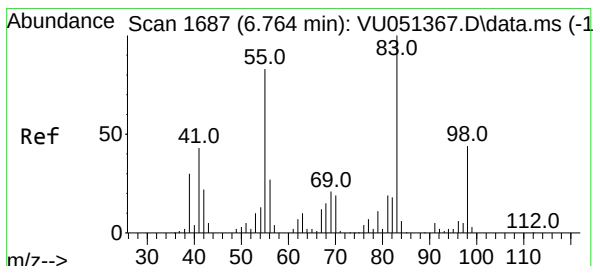
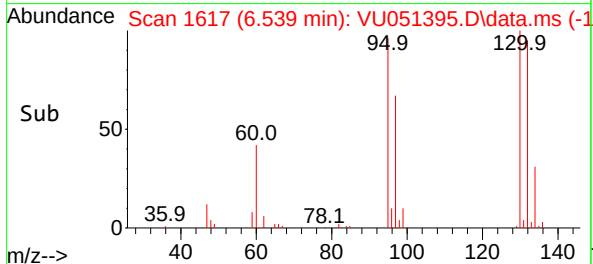
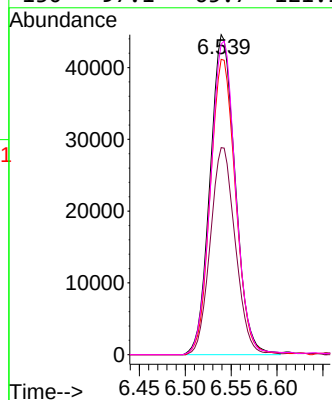
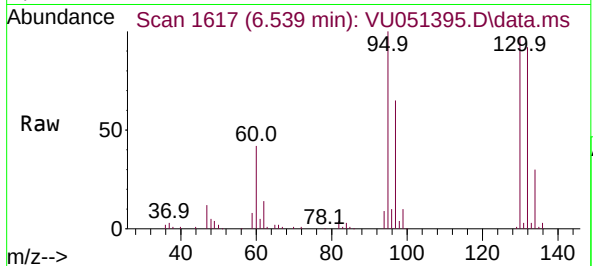




#34
Trichloroethene
Concen: 4.648 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

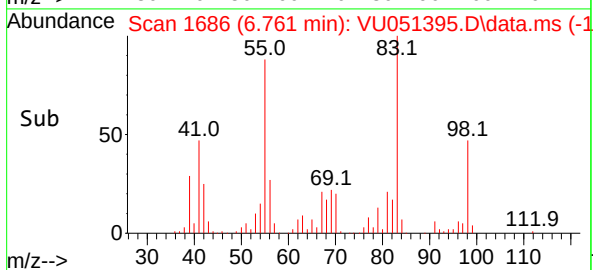
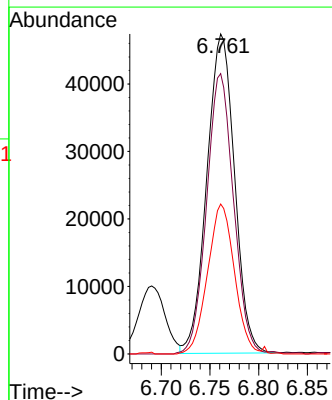
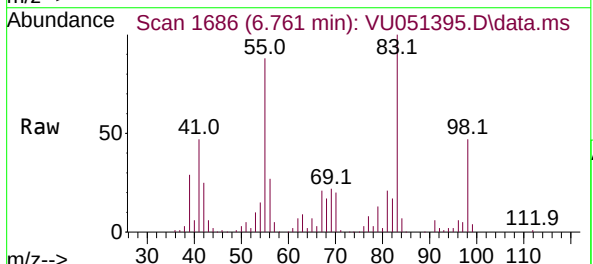
Instrument :
MSVOA_U
ClientSampleId :

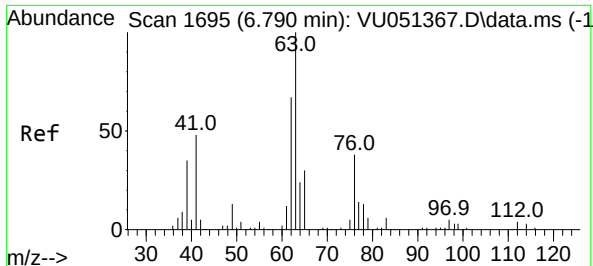
Tgt Ion: 95 Resp: 85131
Ion Ratio Lower Upper
95 100
97 64.7 45.4 84.2
132 92.3 63.1 117.3
130 97.1 65.7 121.9



#35
Methylcyclohexane
Concen: 4.047 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

Tgt Ion: 83 Resp: 93512
Ion Ratio Lower Upper
83 100
55 85.3 65.8 98.6
98 45.4 35.9 53.9





#37

1,2-Dichloropropane

Concen: 5.184 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

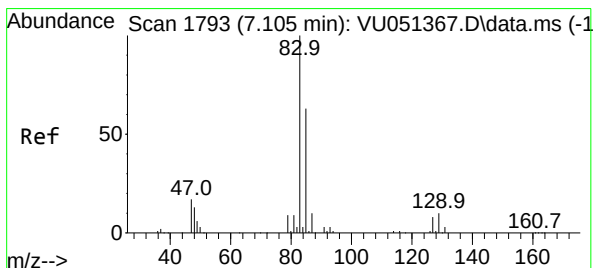
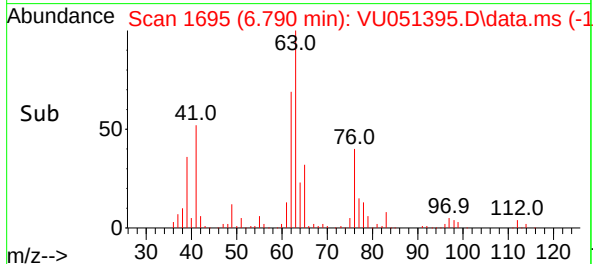
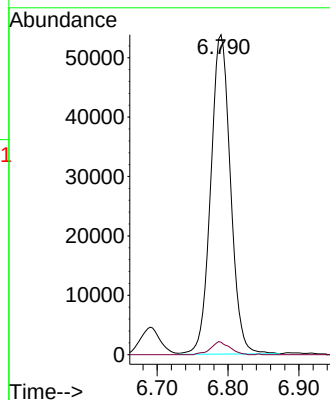
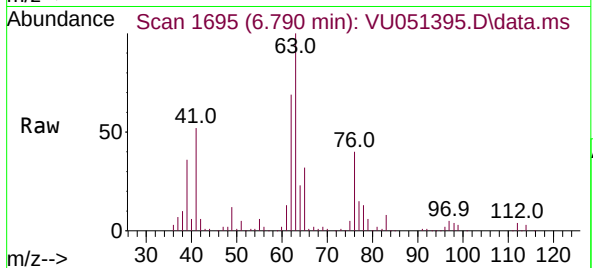
ClientSampleId :

Tgt Ion: 63 Resp: 104316

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 5.235 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

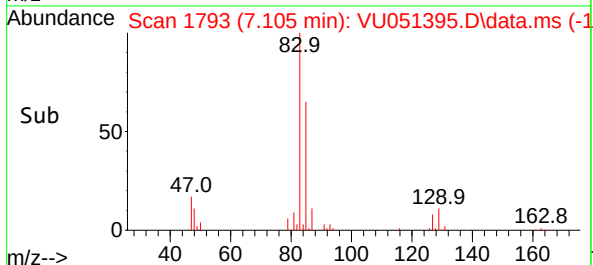
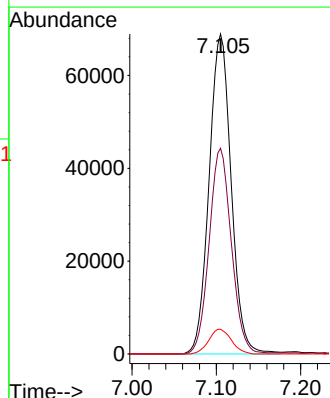
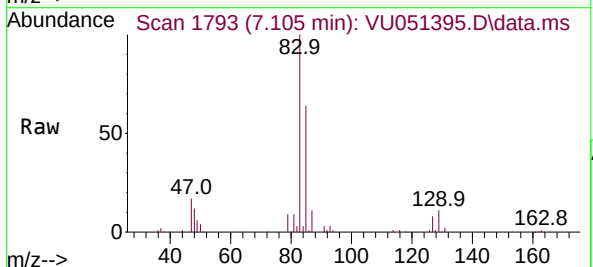
Tgt Ion: 83 Resp: 125661

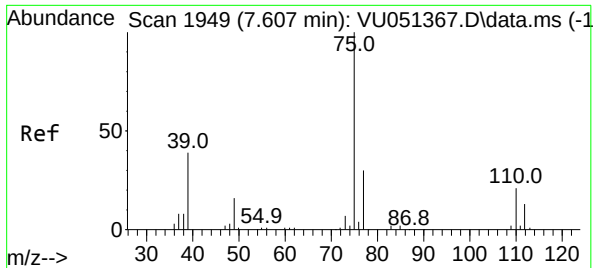
Ion Ratio Lower Upper

83 100

85 64.3 44.8 83.2

127 7.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.911 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

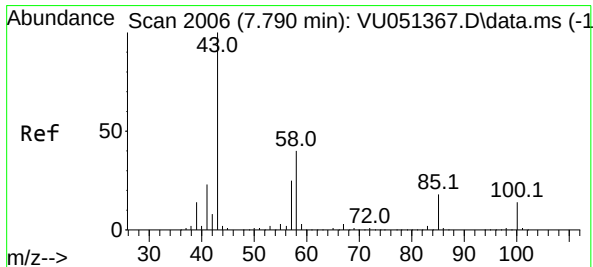
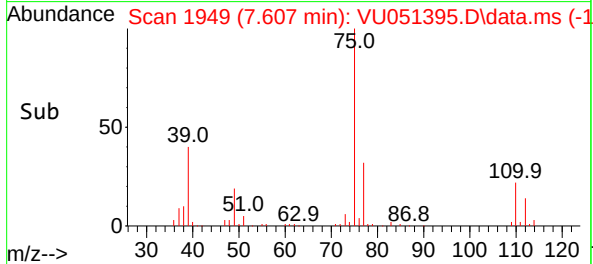
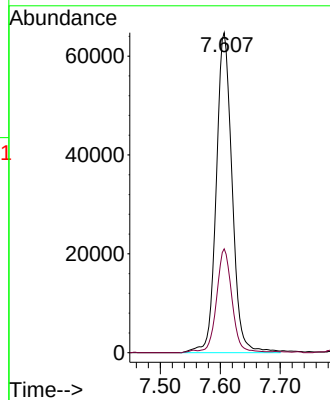
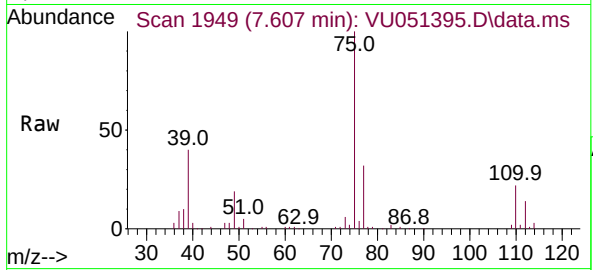
ClientSampleId :

Tgt Ion: 75 Resp: 118769

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 56.015 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

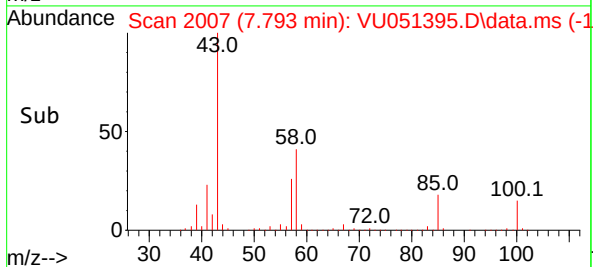
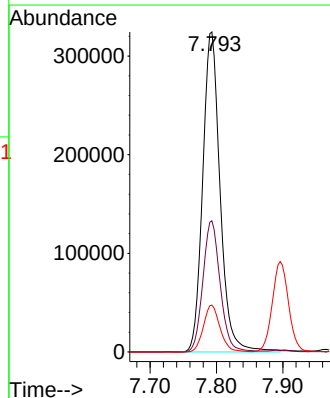
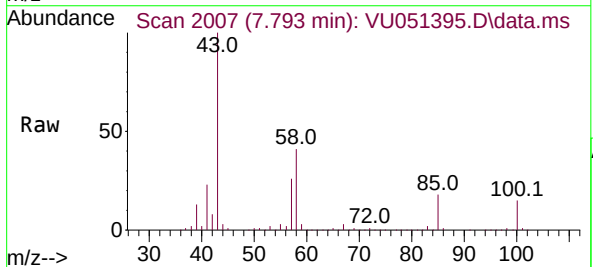
Tgt Ion: 43 Resp: 591352

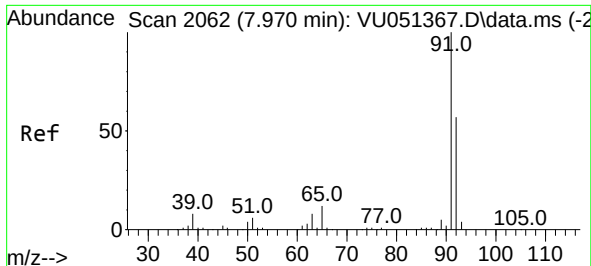
Ion Ratio Lower Upper

43 100

58 40.7 33.0 49.6

100 14.0 11.8 17.6





#42

Toluene

Concen: 4.925 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

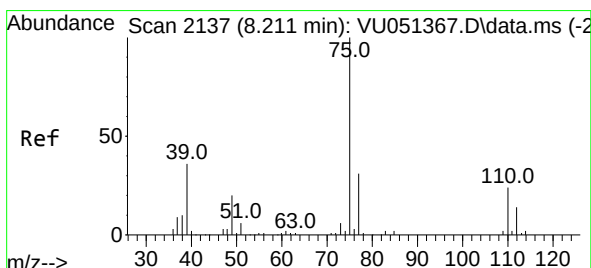
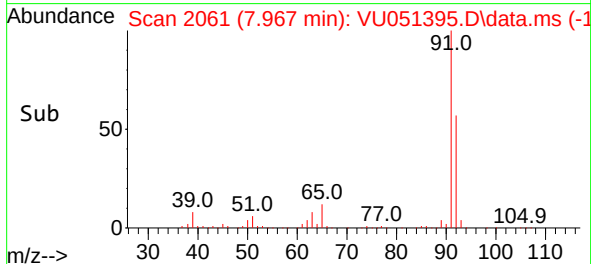
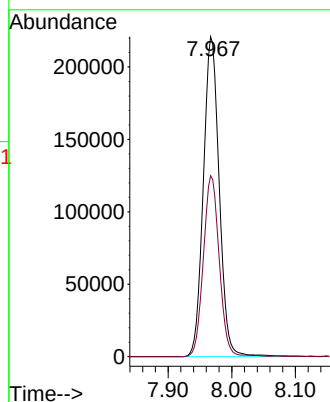
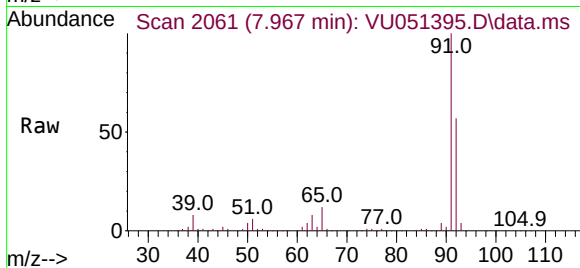
ClientSampleId :

Tgt Ion: 91 Resp: 383762

Ion Ratio Lower Upper

91 100

92 56.6 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.065 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051395.D

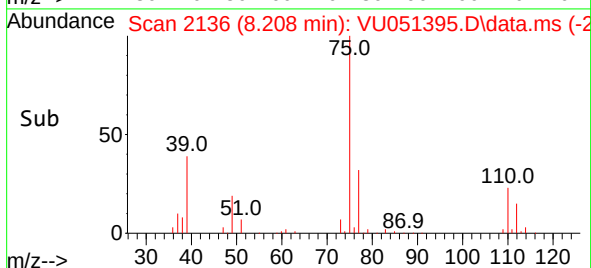
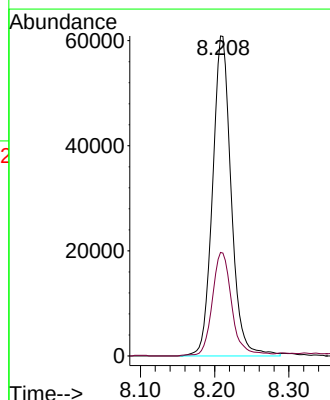
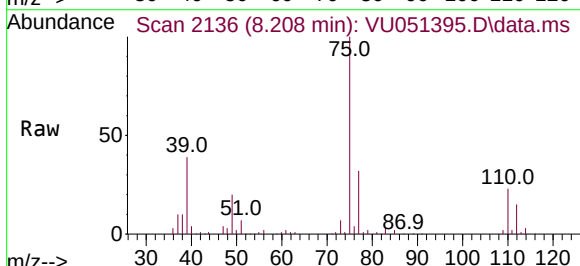
Acq: 12 Oct 2022 16:29

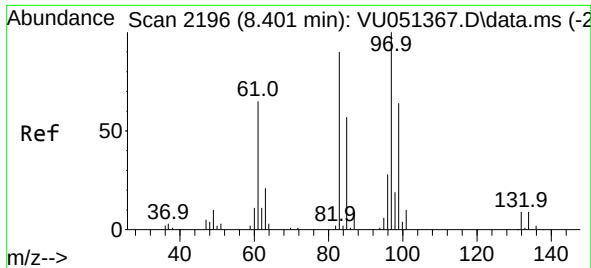
Tgt Ion: 75 Resp: 105923

Ion Ratio Lower Upper

75 100

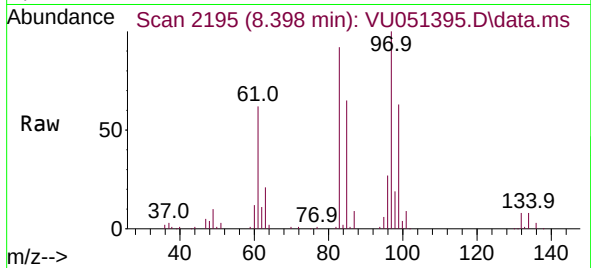
77 32.3 21.8 40.6



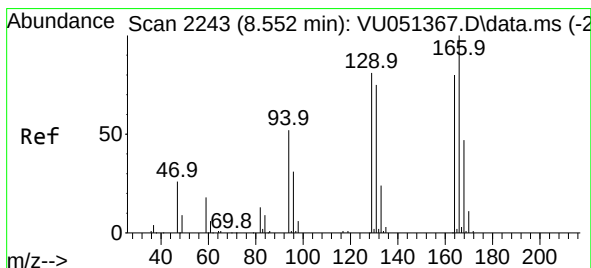
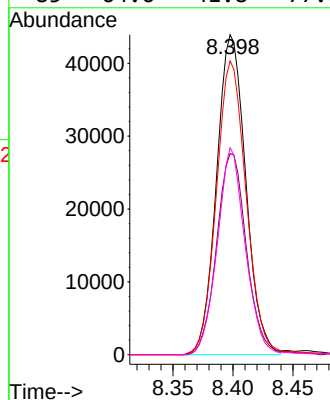
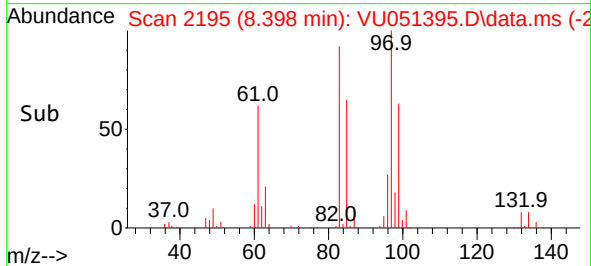


#45
1,1,2-Trichloroethane
Concen: 5.257 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

Instrument :
MSVOA_U
ClientSampleId :

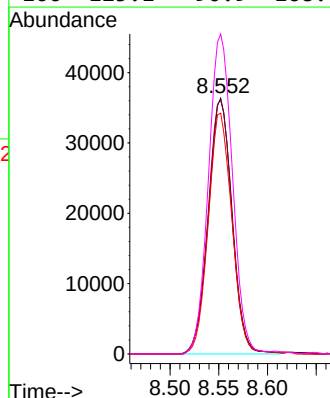
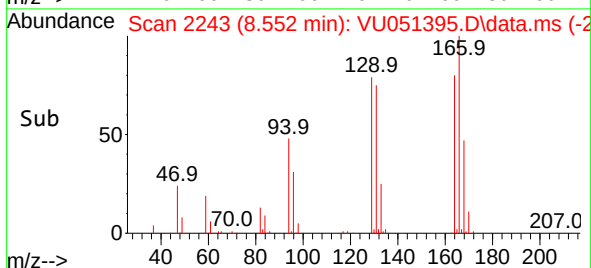
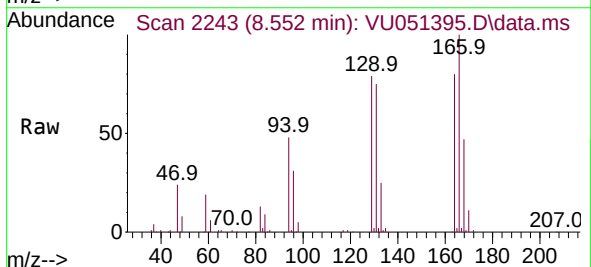


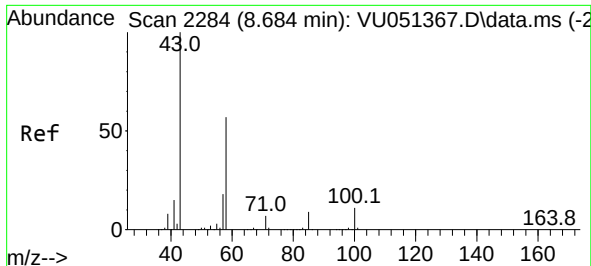
Tgt Ion:	97	Resp:	74276
Ion	Ratio	Lower	Upper
97	100		
99	62.8	45.3	84.1
83	91.8	63.1	117.1
85	64.6	41.8	77.6



#47
Tetrachloroethene
Concen: 4.579 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

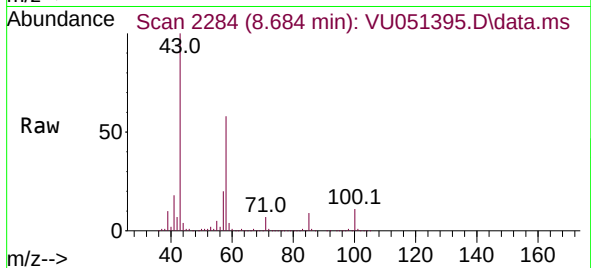
Tgt Ion:	164	Resp:	61658
Ion	Ratio	Lower	Upper
164	100		
129	99.3	71.3	132.3
131	94.1	66.9	124.3
166	125.1	90.9	168.7



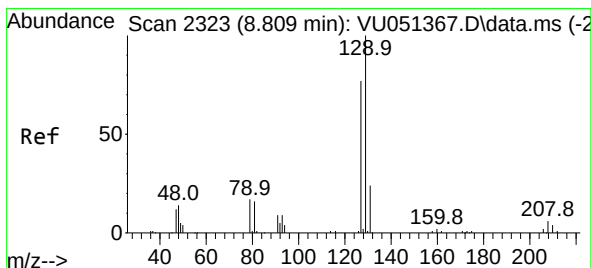
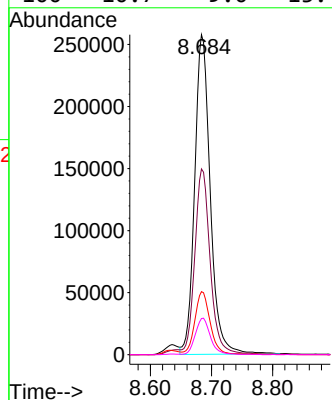
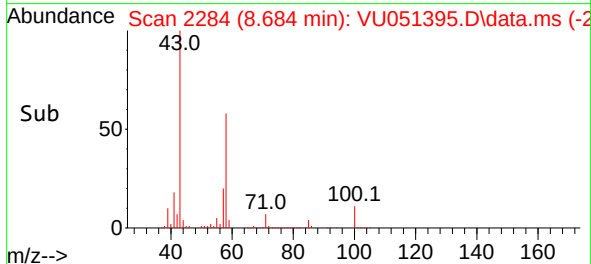


#48
2-Hexanone
Concen: 58.112 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

Instrument :
MSVOA_U
ClientSampleId :

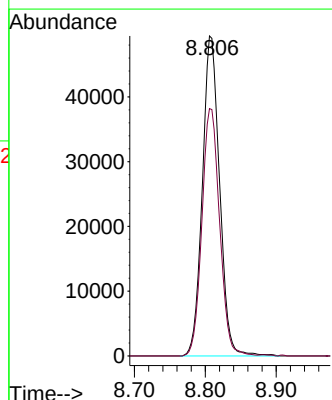
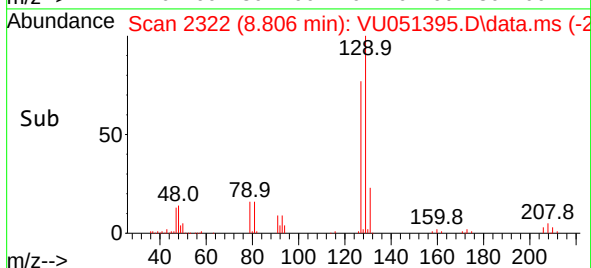
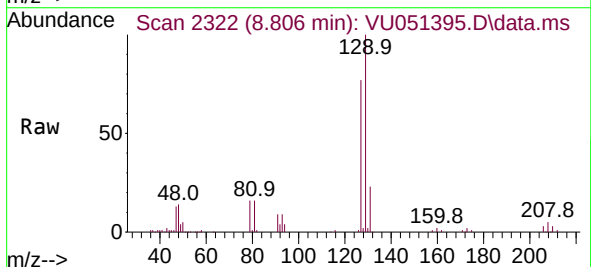


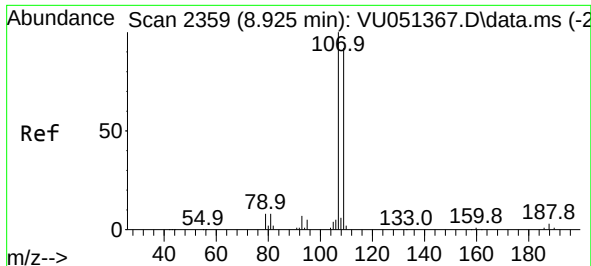
Tgt Ion: 43 Resp: 456794
Ion Ratio Lower Upper
43 100
58 59.1 48.2 72.2
57 19.2 15.5 23.3
100 10.7 9.0 13.4



#49
Dibromochloromethane
Concen: 5.262 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

Tgt Ion: 129 Resp: 83479
Ion Ratio Lower Upper
129 100
127 77.3 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.470 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

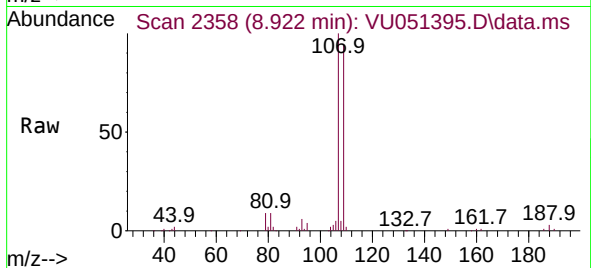
Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

ClientSampleId :



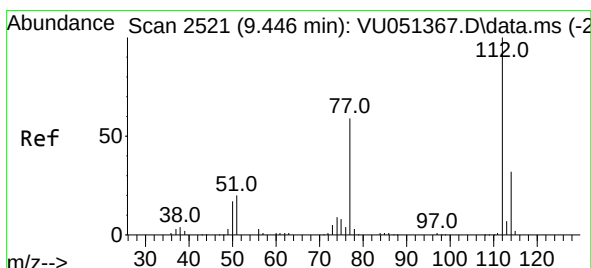
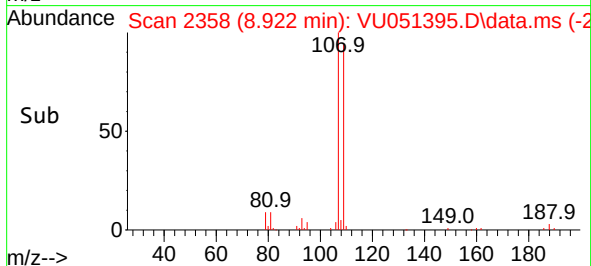
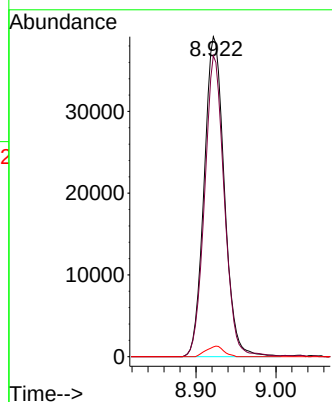
Tgt Ion:107 Resp: 68796

Ion Ratio Lower Upper

107 100

109 94.1 67.1 124.7

188 3.0 2.5 3.7



#51

Chlorobenzene

Concen: 4.951 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

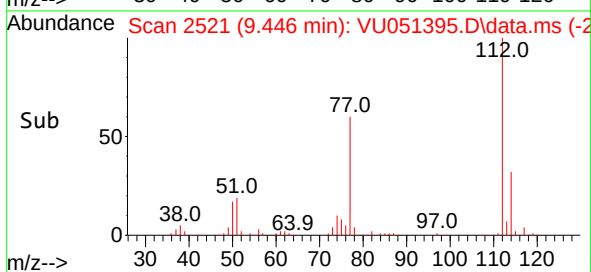
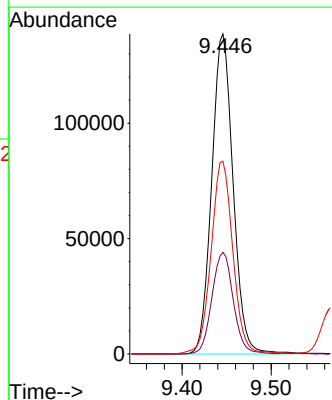
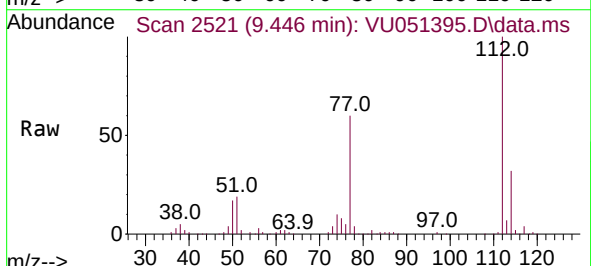
Tgt Ion:112 Resp: 230550

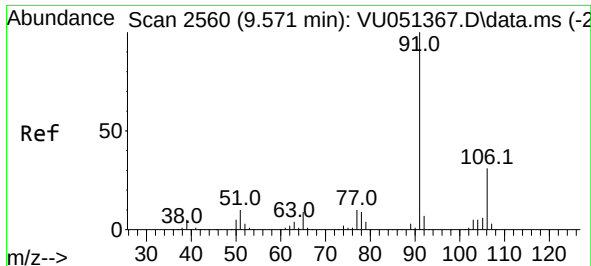
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

77 60.2 48.1 72.1

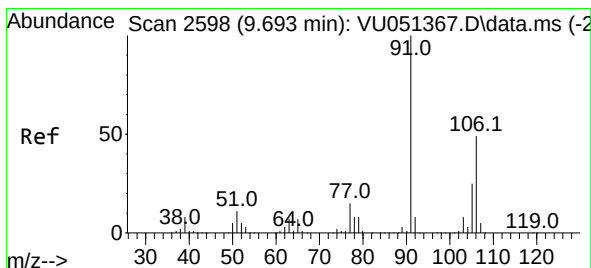
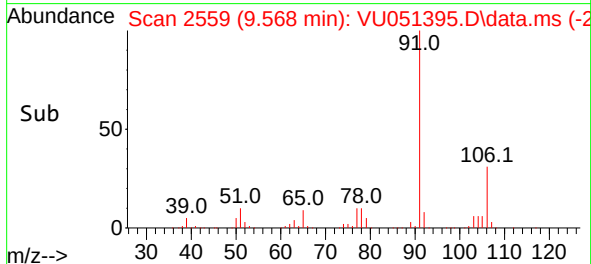
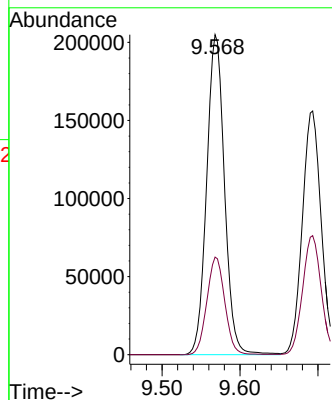
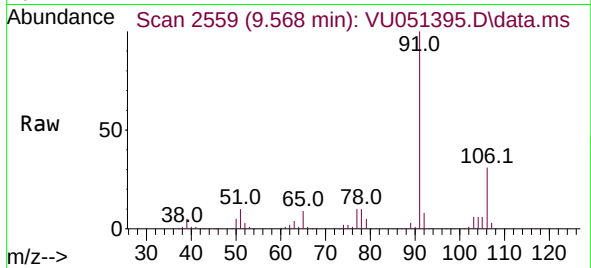




#52
Ethylbenzene
Concen: 4.652 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

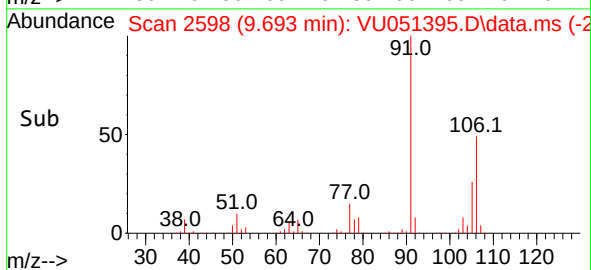
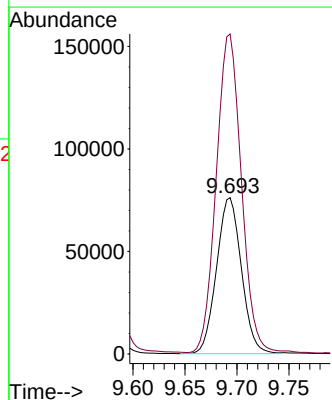
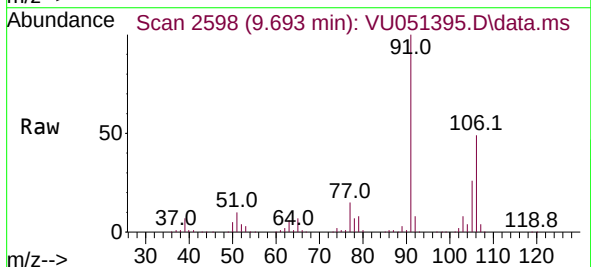
Instrument :
MSVOA_U
ClientSampleId :

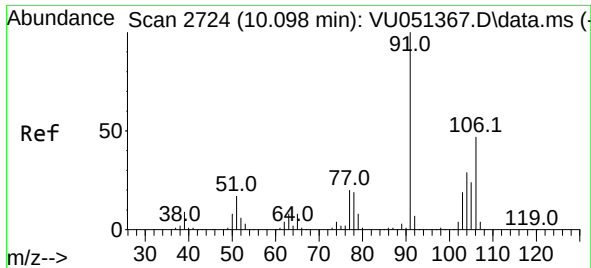
Tgt Ion: 91 Resp: 325763
Ion Ratio Lower Upper
91 100
106 30.5 20.9 38.7



#53
m,p-Xylene
Concen: 4.655 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

Tgt Ion: 106 Resp: 126423
Ion Ratio Lower Upper
106 100
91 204.6 143.9 267.3

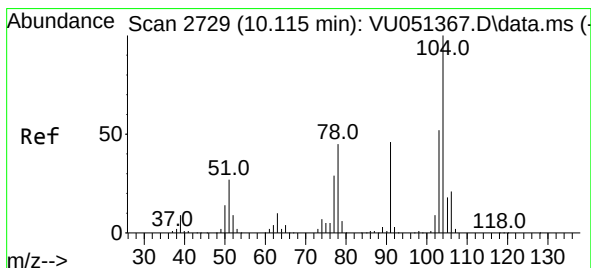
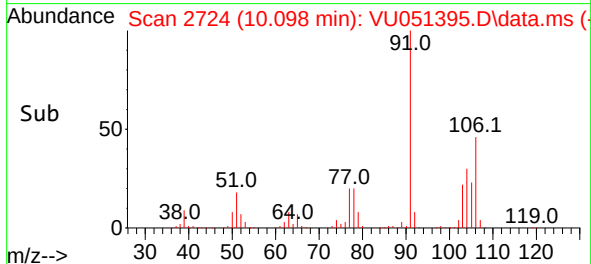
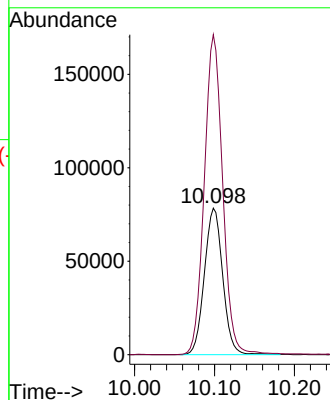
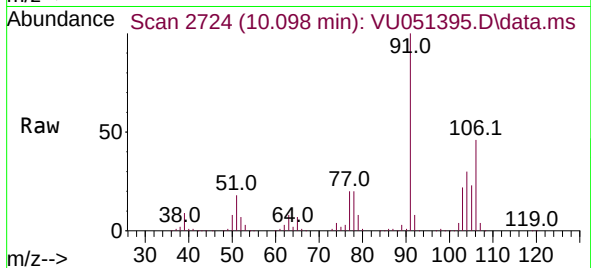




#54
o-Xylene
Concen: 4.880 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

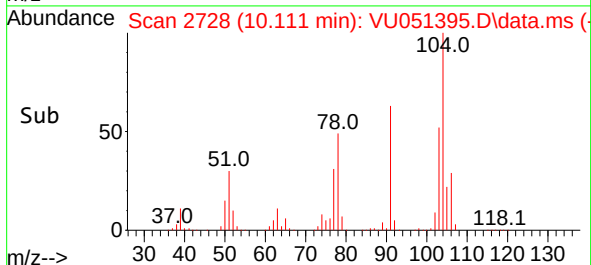
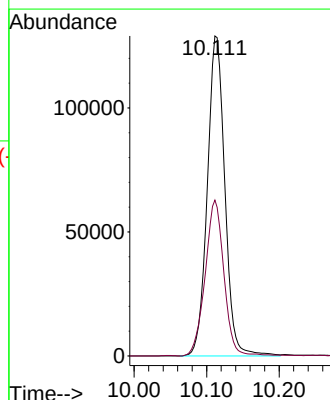
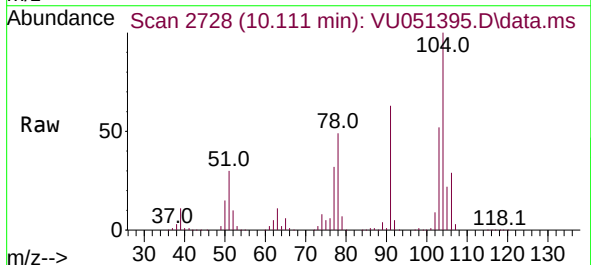
Instrument :
MSVOA_U
ClientSampleId :

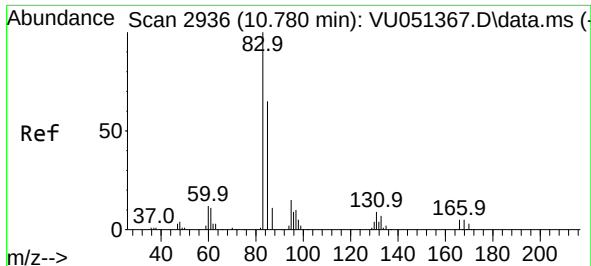
Tgt Ion:106 Resp: 125409
Ion Ratio Lower Upper
106 100
91 218.4 154.4 286.8



#55
Styrene
Concen: 4.910 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

Tgt Ion:104 Resp: 217201
Ion Ratio Lower Upper
104 100
78 48.7 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.450 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

ClientSampleId :

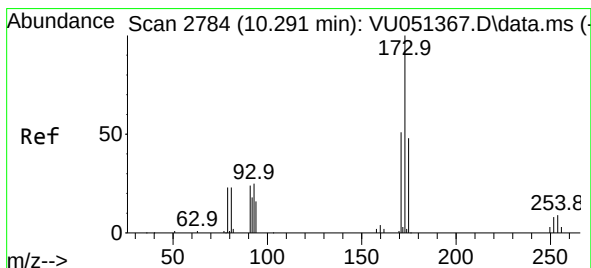
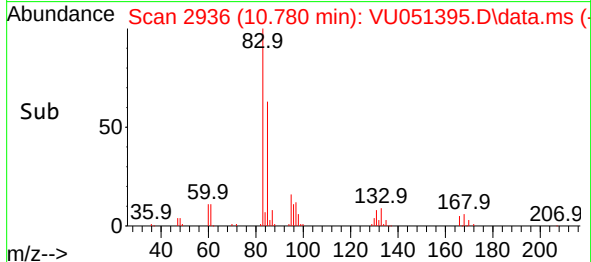
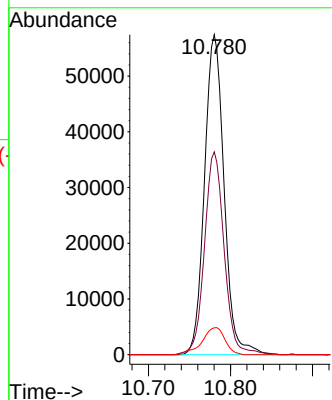
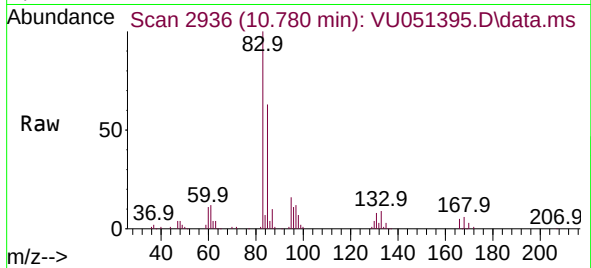
Tgt Ion: 83 Resp: 95318

Ion Ratio Lower Upper

83 100

85 63.4 45.9 85.3

131 8.4 7.4 11.2



#59

Bromoform

Concen: 5.164 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

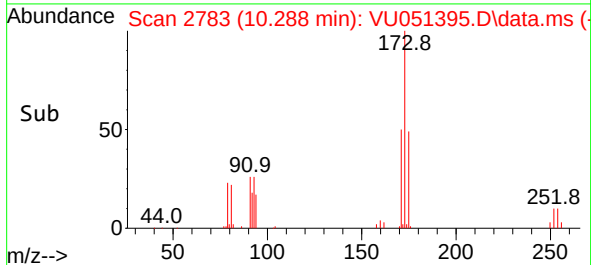
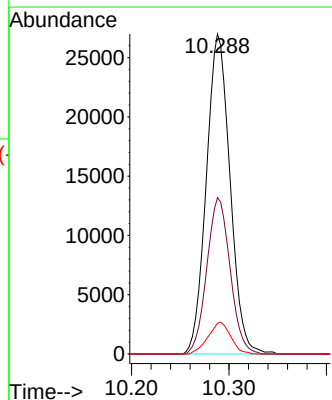
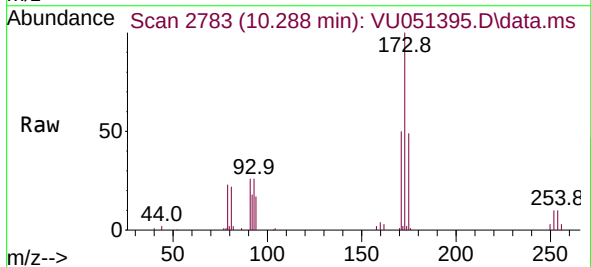
Tgt Ion:173 Resp: 45610

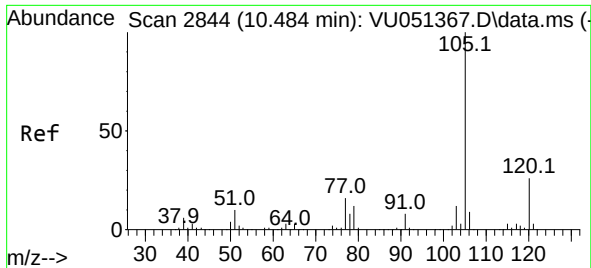
Ion Ratio Lower Upper

173 100

175 47.9 39.0 58.4

254 9.4 7.5 11.3

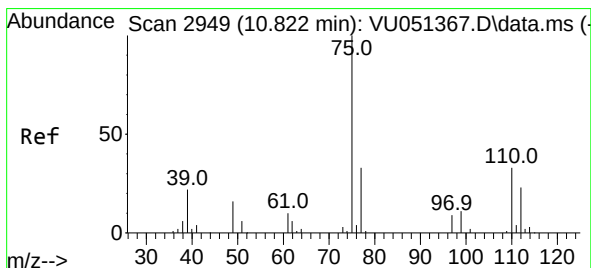
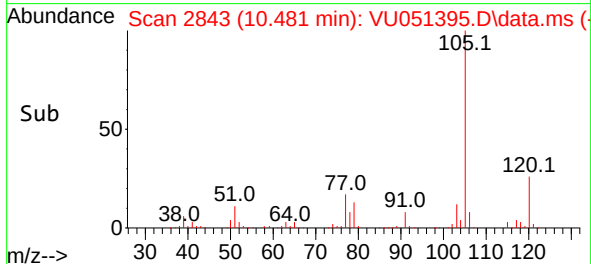
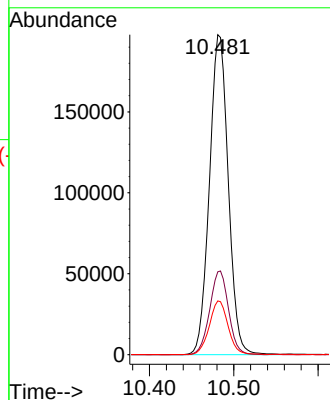
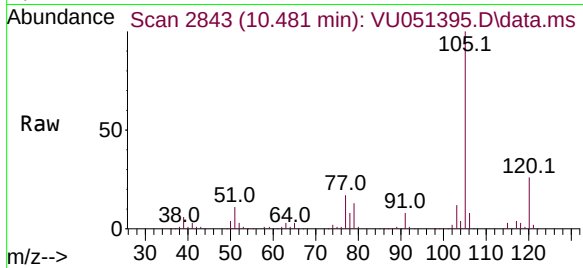




#60
Isopropylbenzene
Concen: 4.567 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

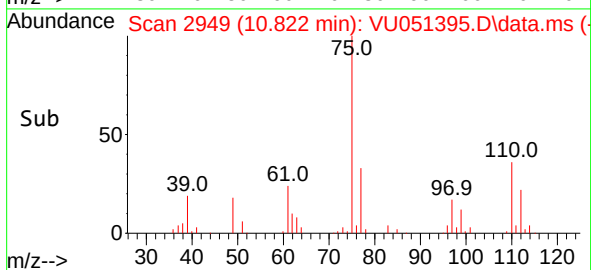
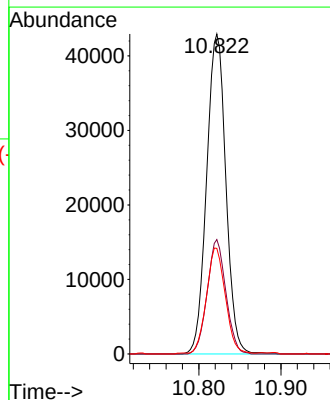
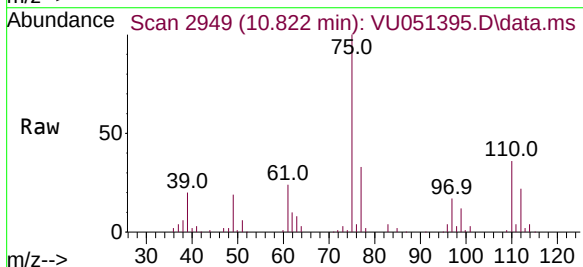
Instrument :
MSVOA_U
ClientSampleId :

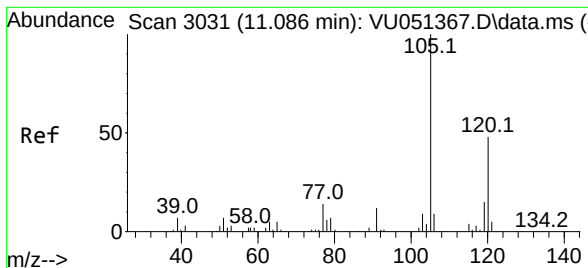
Tgt Ion:105 Resp: 307100
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 16.8 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.232 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

Tgt Ion: 75 Resp: 70151
Ion Ratio Lower Upper
75 100
110 34.7 27.0 40.6
77 32.8 26.4 39.6





#62

1,3,5-Trimethylbenzene

Concen: 4.156 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.003 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

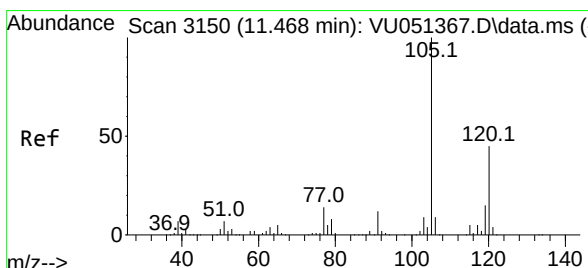
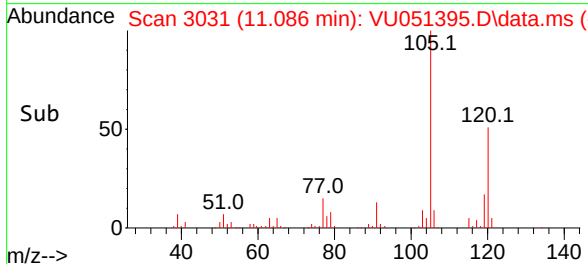
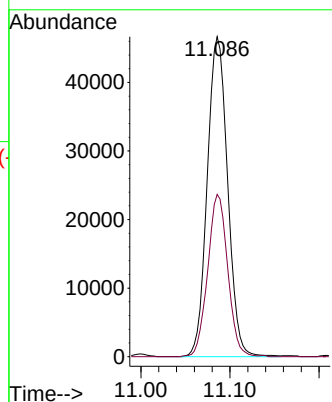
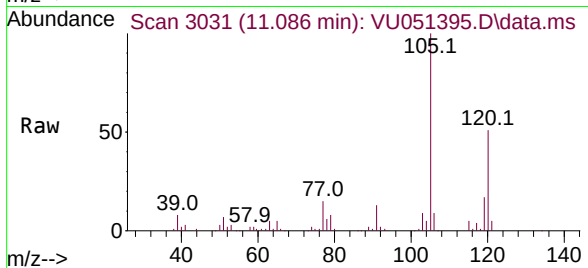
ClientSampleId :

Tgt Ion:105 Resp: 74139

Ion Ratio Lower Upper

105 100

120 49.7 37.7 56.5



#63

1,2,4-Trimethylbenzene

Concen: 4.166 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU051395.D

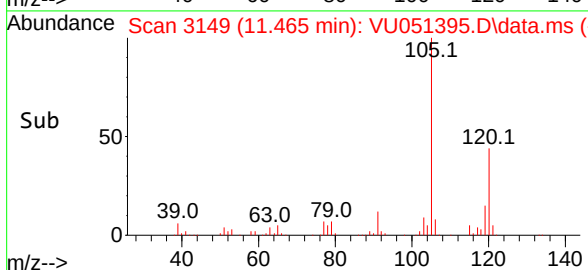
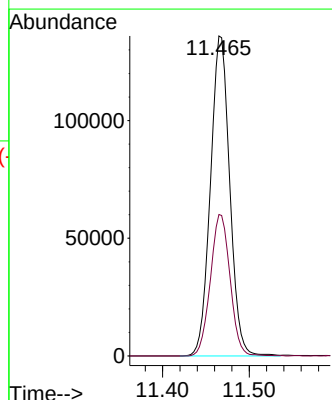
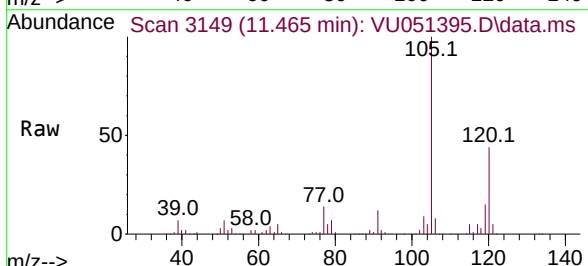
Acq: 12 Oct 2022 16:29

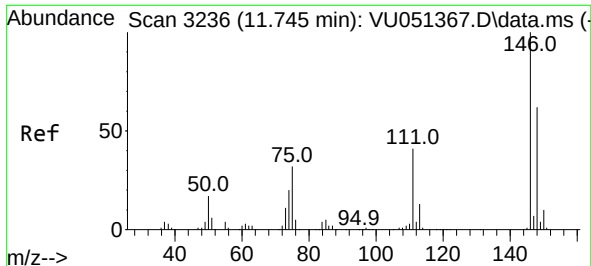
Tgt Ion:105 Resp: 210180

Ion Ratio Lower Upper

105 100

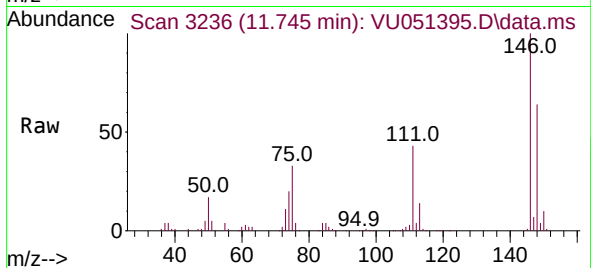
120 45.1 35.6 53.4



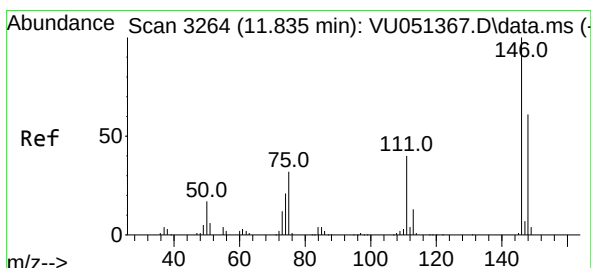
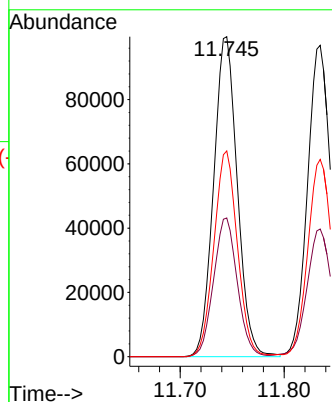
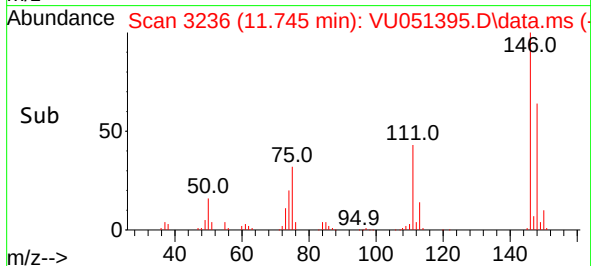


#64
1,3-Dichlorobenzene
Concen: 4.744 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29

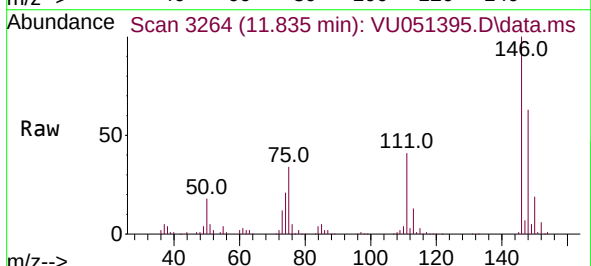
Instrument :
MSVOA_U
ClientSampleId :



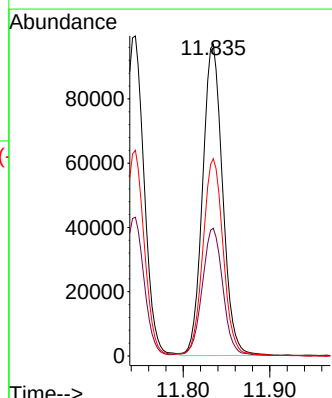
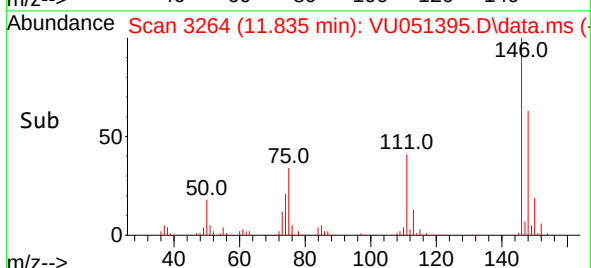
Tgt Ion:146 Resp: 157810
Ion Ratio Lower Upper
146 100
111 43.4 28.3 52.7
148 64.3 43.8 81.4

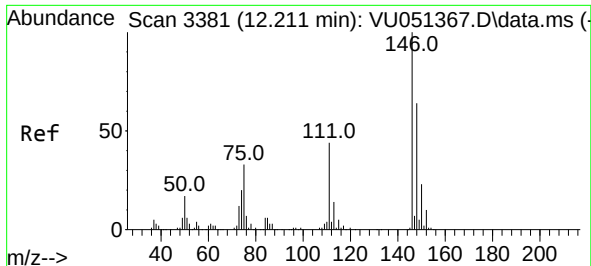


#65
1,4-Dichlorobenzene
Concen: 4.736 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051395.D
Acq: 12 Oct 2022 16:29



Tgt Ion:146 Resp: 155280
Ion Ratio Lower Upper
146 100
111 41.0 29.1 54.1
148 63.3 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.830 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

ClientSampleId :

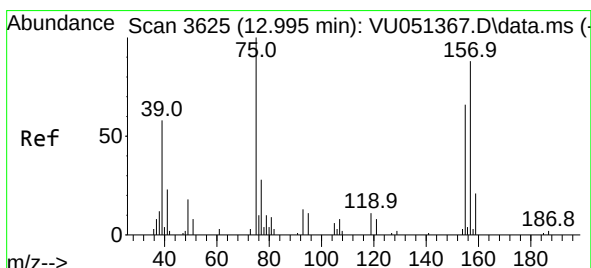
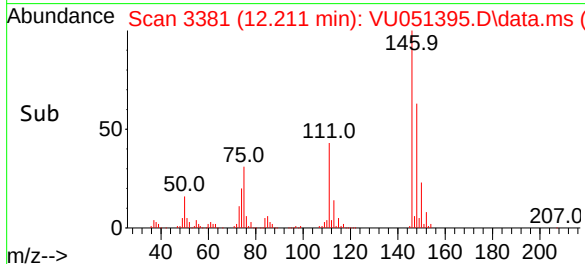
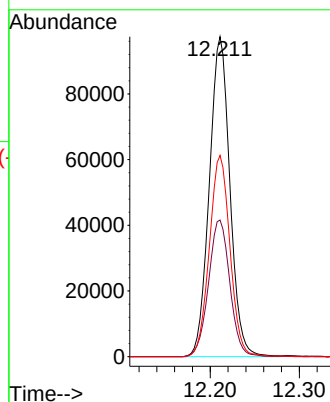
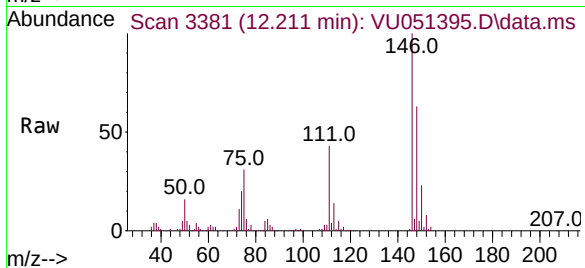
Tgt Ion:146 Resp: 156191

Ion Ratio Lower Upper

146 100

111 42.7 35.5 53.3

148 62.9 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.419 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

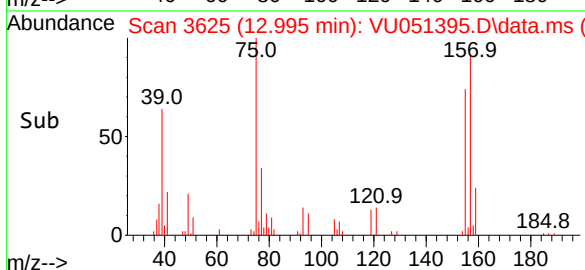
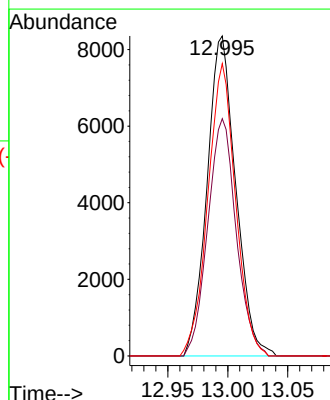
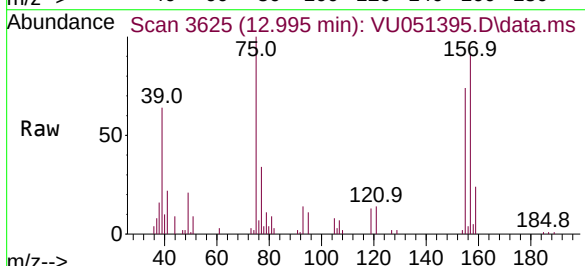
Tgt Ion: 75 Resp: 13898

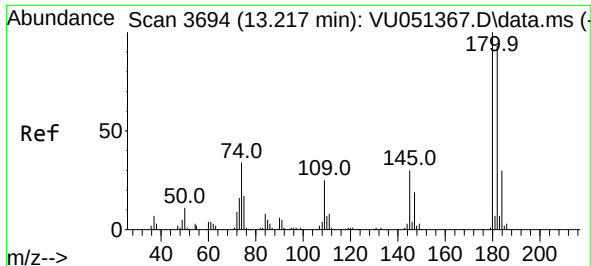
Ion Ratio Lower Upper

75 100

155 74.1 62.7 94.1

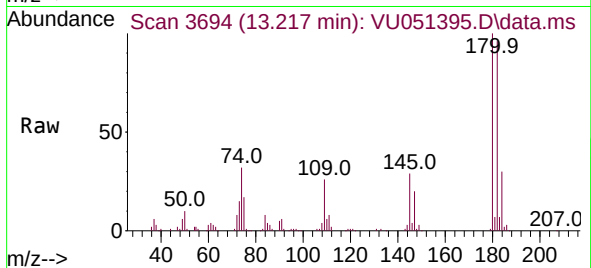
157 91.4 78.3 117.5



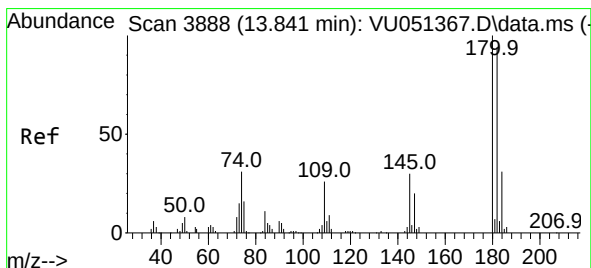
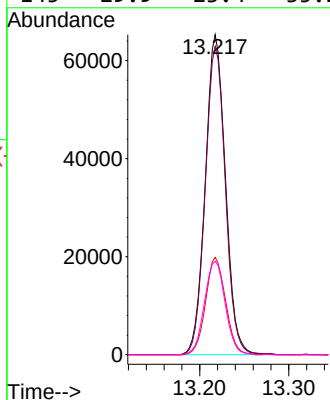
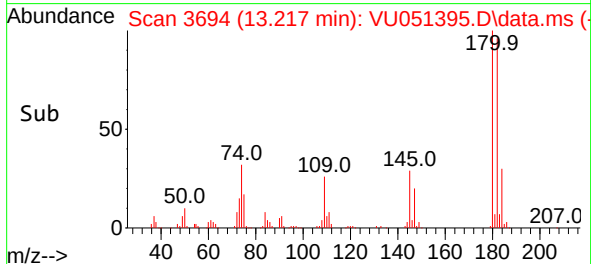


#69
 1,3,5-Trichlorobenzene
 Concen: 4.484 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VU051395.D
 Acq: 12 Oct 2022 16:29

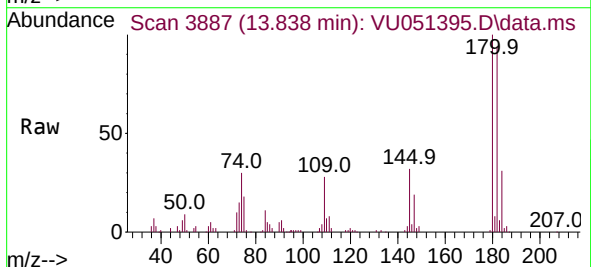
Instrument :
 MSVOA_U
 ClientSampleId :



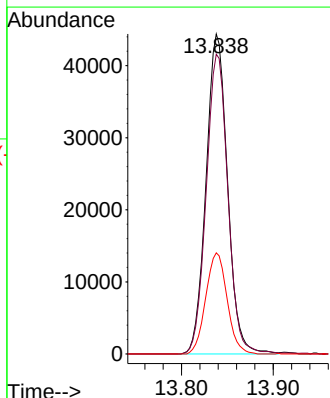
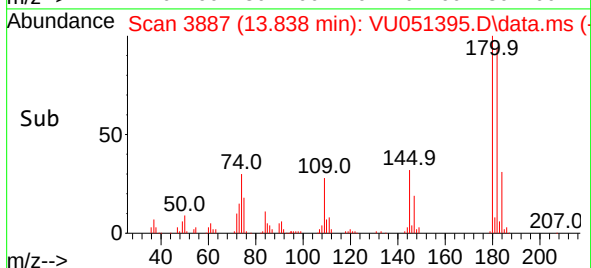
Tgt Ion:180 Resp: 102815
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.7 116.5
 184 30.1 23.6 35.4
 145 29.9 23.4 35.2

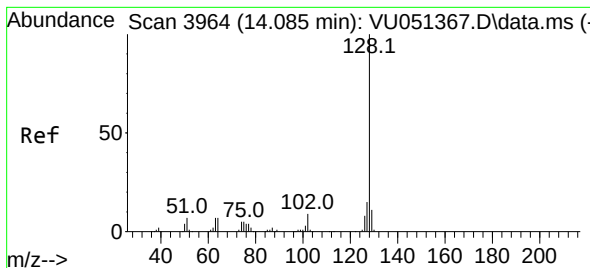


#70
 1,2,4-trichlorobenzene
 Concen: 4.438 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051395.D
 Acq: 12 Oct 2022 16:29



Tgt Ion:180 Resp: 72316
 Ion Ratio Lower Upper
 180 100
 182 94.7 78.7 118.1
 145 31.4 25.0 37.4





#71

Naphthalene

Concen: 3.906 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Instrument :

MSVOA_U

ClientSampleId :

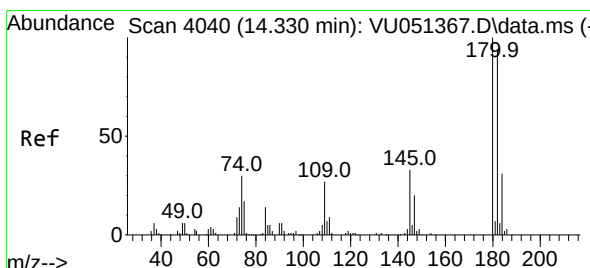
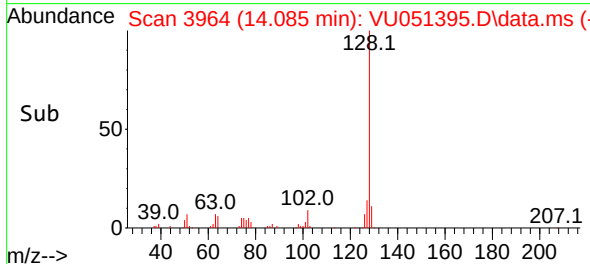
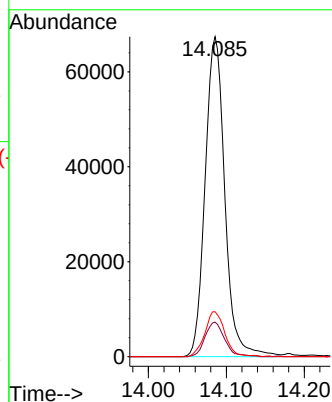
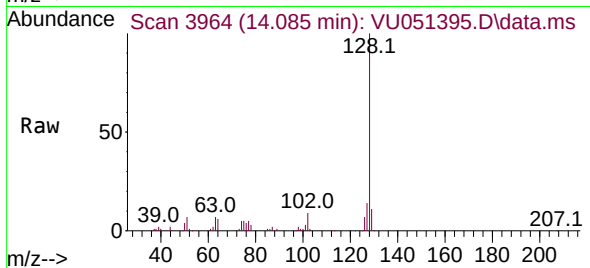
Tgt Ion:128 Resp: 118308

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 14.2 11.1 16.7



#72

1,2,3-Trichlorobenzene

Concen: 4.403 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU051395.D

Acq: 12 Oct 2022 16:29

Tgt Ion:180 Resp: 74220

Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 33.1 25.8 38.8

