

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051748.D
 Acq On : 03 Nov 2022 21:12
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Quant Time: Nov 04 00:55:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	278396	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	277975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	145826	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53287	2.541	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.800%
7) Chloroethane-d5	1.909	69	51811	2.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	47.400%#
11) 1,1-Dichloroethene-d2	2.562	65	22631	2.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	4.620	46	195510	25.747	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.500%
24) Chloroform-d	5.063	84	134741	2.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.000%#
26) 1,2-Dichloroethane-d4	5.700	65	66956	2.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	50.600%#
32) Benzene-d6	5.726	84	249315	2.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	56.800%#
36) 1,2-Dichloropropane-d6	6.687	67	83832	2.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	54.600%#
41) Toluene-d8	7.896	98	225381	3.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.400%#
43) trans-1,3-Dichloroprop...	8.179	79	28954	3.087	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.800%
46) 2-Hexanone-d5	8.629	63	168088	29.771	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.540%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83696	2.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	59.600%#
66) 1,2-Dichlorobenzene-d4	12.192	152	87382	3.265	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	97212	3.193	ug/L	99
3) Chloromethane	1.527	50	101823	2.653	ug/L	98
5) Vinyl chloride	1.601	62	119967	3.263	ug/L #	64
6) Bromomethane	1.851	94	16634	0.954	ug/L	90
8) Chloroethane	1.932	64	76925	3.446	ug/L	91
9) Trichlorofluoromethane	2.137	101	136983	3.394	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	80359	3.387	ug/L	97
12) 1,1-Dichloroethene	2.578	96	80794	3.338	ug/L	96
13) Acetone	2.623	43	146211	37.949	ug/L	99
14) Carbon disulfide	2.790	76	254259	3.259	ug/L	99
15) Methyl Acetate	2.948	43	39165	3.883	ug/L	96
16) Methylene chloride	3.044	84	133150	3.359	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	204976	3.693	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	89669	3.452	ug/L	99
19) 1,1-Dichloroethane	3.867	63	173585	3.623	ug/L	97
21) 2-Butanone	4.700	43	250849	41.575	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	99547	3.464	ug/L	98
23) Bromochloromethane	4.973	128	48385	3.601	ug/L	98
25) Chloroform	5.086	83	182555	3.673	ug/L	100

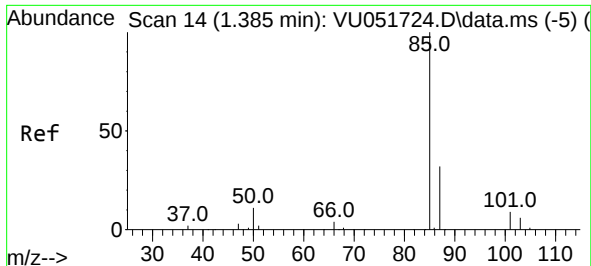
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	109176	3.569	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	137807	3.651	ug/L	99
30) Cyclohexane	5.388	56	113563	3.268	ug/L	97
31) Carbon tetrachloride	5.523	117	115141	3.567	ug/L	98
33) Benzene	5.771	78	398389	3.632	ug/L	100
34) Trichloroethene	6.539	95	96401	3.641	ug/L	98
35) Methylcyclohexane	6.761	83	117033	3.197	ug/L	98
37) 1,2-Dichloropropane	6.790	63	106219	3.765	ug/L	100
38) Bromodichloromethane	7.102	83	132137	3.834	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	128740	3.557	ug/L	96
40) 4-Methyl-2-pentanone	7.787	43	600240	42.414	ug/L	100
42) Toluene	7.967	91	427626	3.796	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	114659	3.790	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	80030	3.871	ug/L	98
47) Tetrachloroethene	8.552	164	72301	3.566	ug/L	94
48) 2-Hexanone	8.681	43	451219	43.075	ug/L	100
49) Dibromochloromethane	8.809	129	91597	3.878	ug/L	96
50) 1,2-Dibromoethane	8.922	107	74113	3.973	ug/L	98
51) Chlorobenzene	9.446	112	268033	3.780	ug/L	99
52) Ethylbenzene	9.568	91	406049	3.735	ug/L	99
53) m,p-Xylene	9.693	106	163129	3.864	ug/L	100
54) o-Xylene	10.099	106	155186	3.761	ug/L	99
55) Styrene	10.111	104	280122	4.061	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	105748	4.125	ug/L	100
59) Bromoform	10.288	173	52397	3.889	ug/L	100
60) Isopropylbenzene	10.481	105	396021	3.720	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	74084	3.929	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	98935	3.452	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	292532	3.540	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	206399	3.894	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	212290	3.995	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	199549	3.865	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	15614	4.021	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	145800	3.860	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	118404	4.083	ug/L	99
71) Naphthalene	14.082	128	207729	3.837	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	118225	4.037	ug/L	98

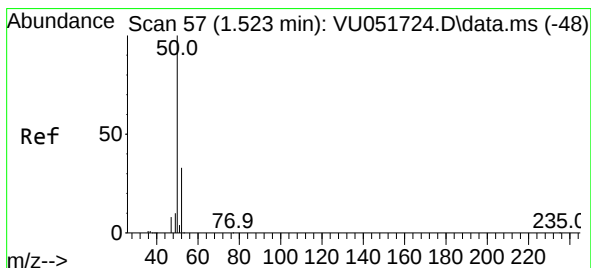
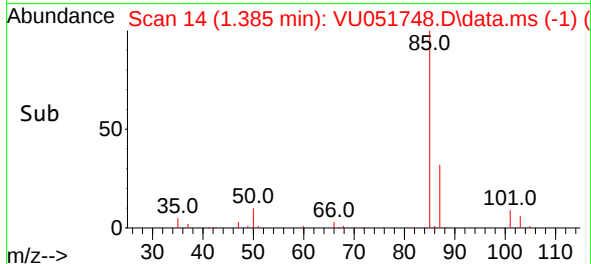
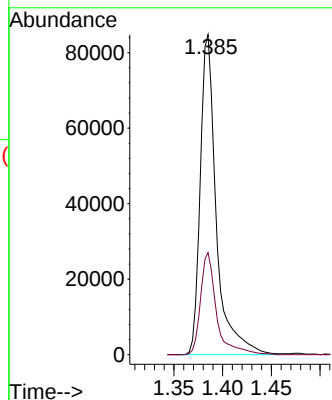
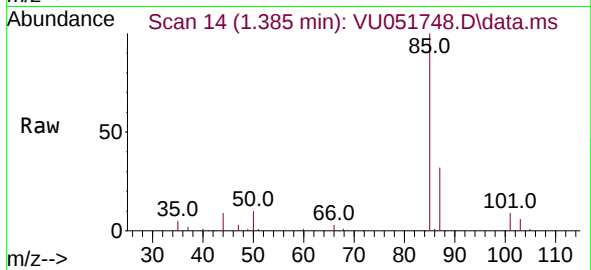
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#2
 Dichlorodifluoromethane
 Concen: 3.193 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU051748.D
 Acq: 03 Nov 2022 21:12

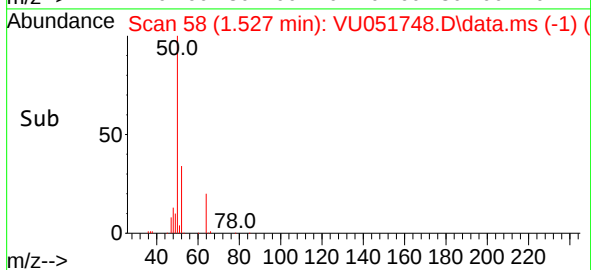
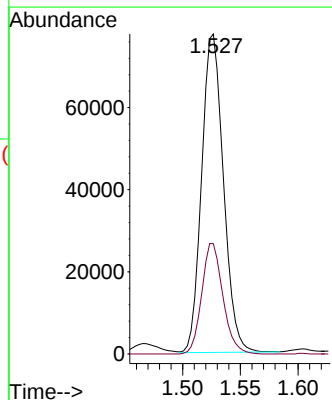
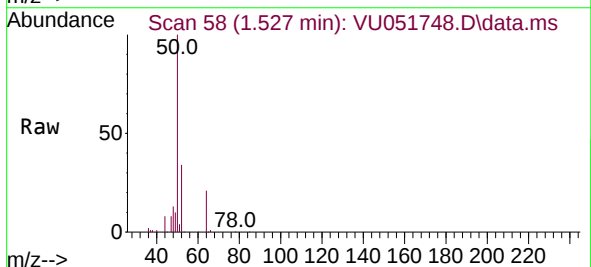
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

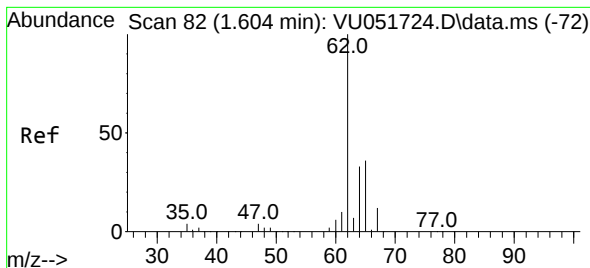
Tgt Ion: 85 Resp: 97212
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.7 38.5



#3
 Chloromethane
 Concen: 2.653 ug/L
 RT: 1.527 min Scan# 58
 Delta R.T. 0.003 min
 Lab File: VU051748.D
 Acq: 03 Nov 2022 21:12

Tgt Ion: 50 Resp: 101823
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.2 43.2





#5

Vinyl chloride

Concen: 3.263 ug/L

RT: 1.601 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

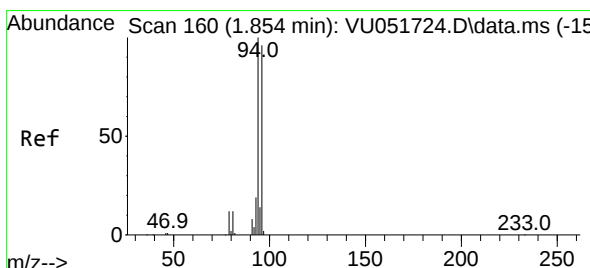
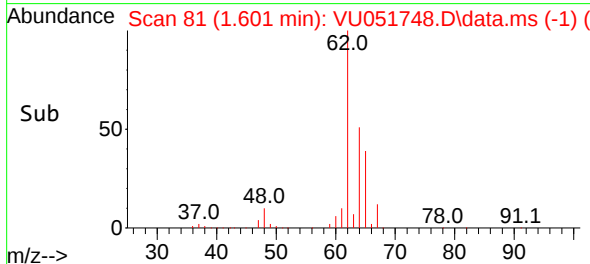
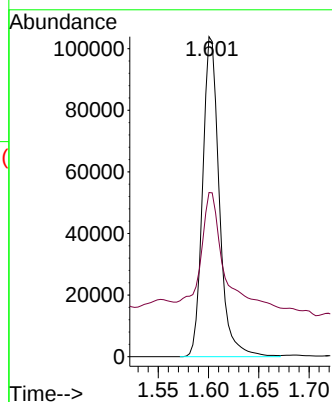
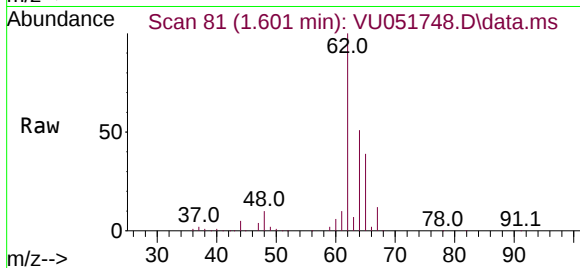
VSTD005199

Tgt Ion: 62 Resp: 119967

Ion Ratio Lower Upper

62 100

64 51.3 22.1 41.1#



#6

Bromomethane

Concen: 0.954 ug/L

RT: 1.851 min Scan# 159

Delta R.T. -0.003 min

Lab File: VU051748.D

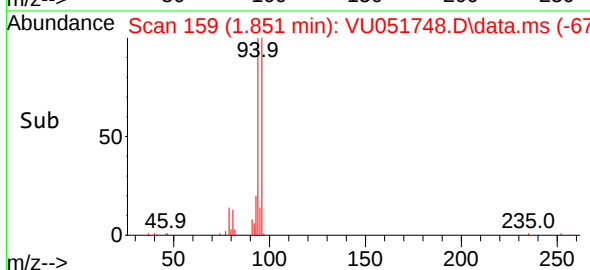
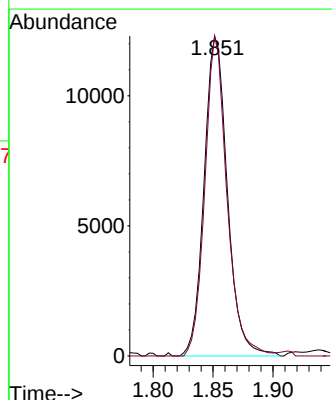
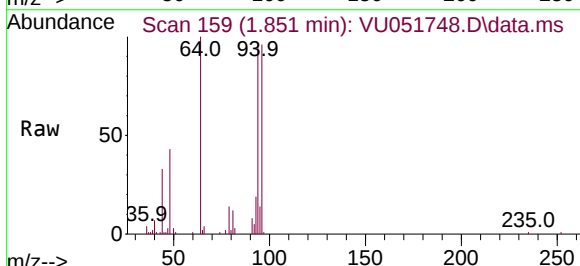
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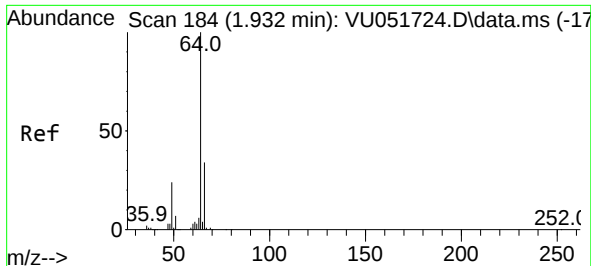
Tgt Ion: 94 Resp: 16634

Ion Ratio Lower Upper

94 100

96 100.1 63.2 117.4

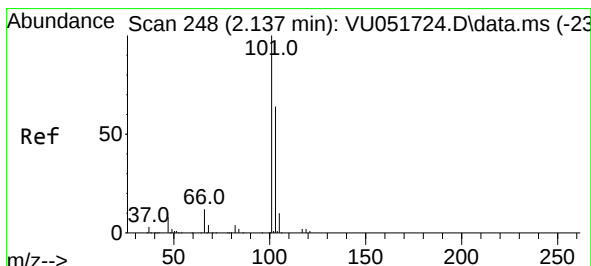
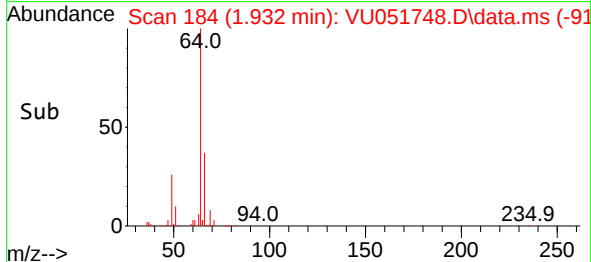
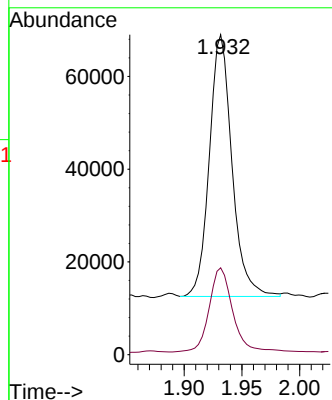
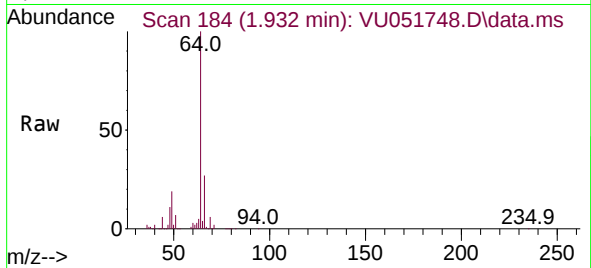




#8
Chloroethane
Concen: 3.446 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

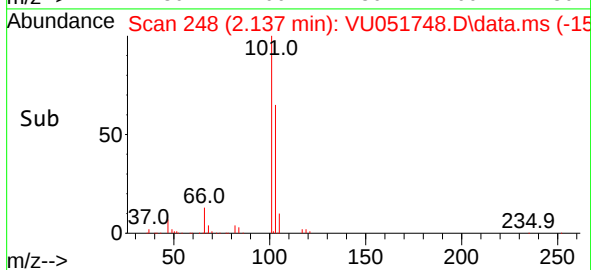
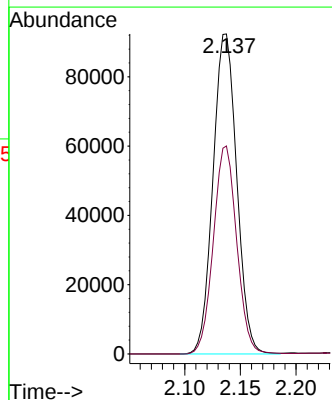
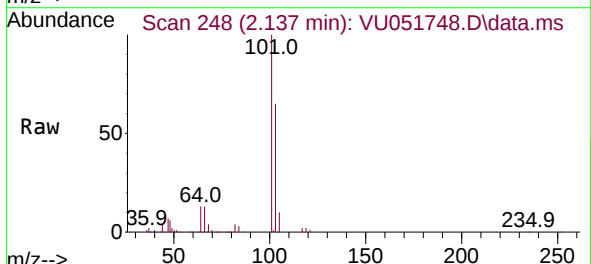
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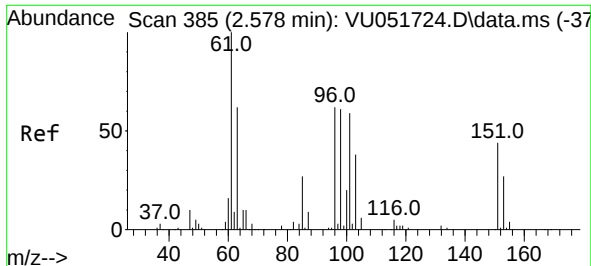
Tgt Ion: 64 Resp: 76925
Ion Ratio Lower Upper
64 100
66 27.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 3.394 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion: 101 Resp: 136983
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6

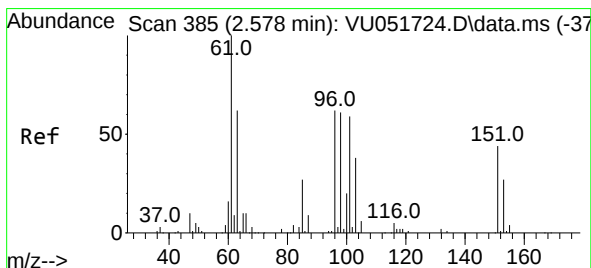
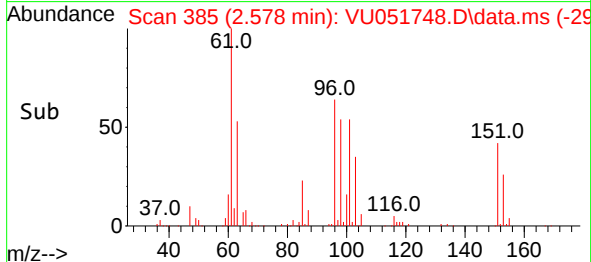
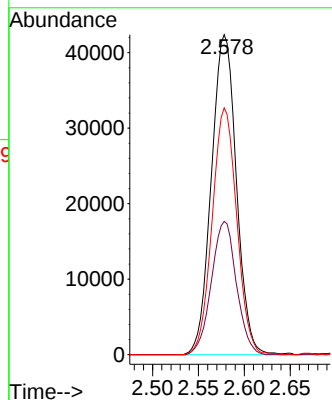
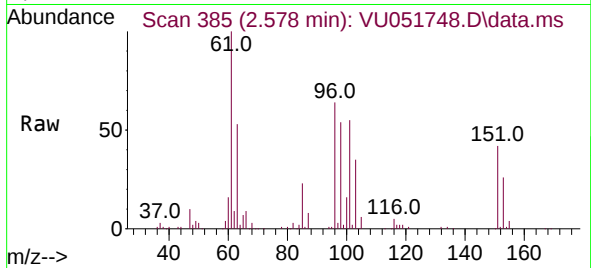




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.387 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051748.D
 Acq: 03 Nov 2022 21:12

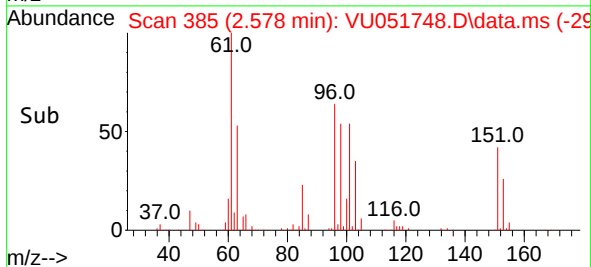
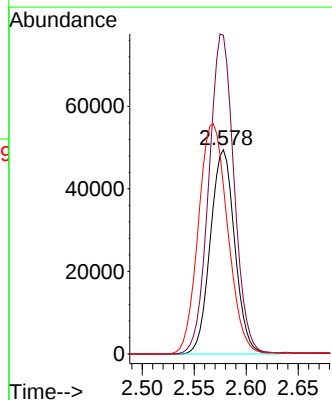
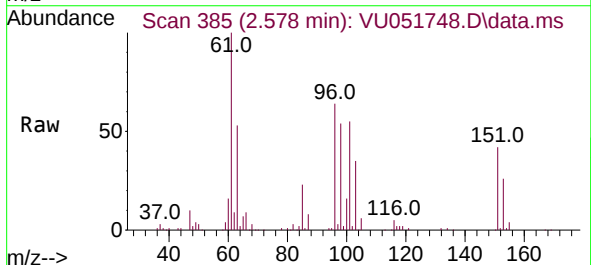
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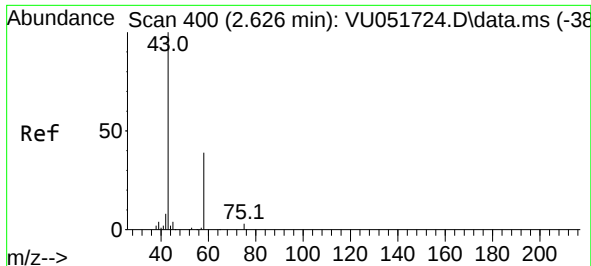
Tgt Ion:101 Resp: 80359
 Ion Ratio Lower Upper
 101 100
 85 41.7 35.6 53.4
 151 75.8 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 3.338 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051748.D
 Acq: 03 Nov 2022 21:12

Tgt Ion: 96 Resp: 80794
 Ion Ratio Lower Upper
 96 100
 61 156.1 108.8 202.0
 63 82.5 64.9 120.5





#13

Acetone

Concen: 37.949 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

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MSVOA_U

ClientSampleId :

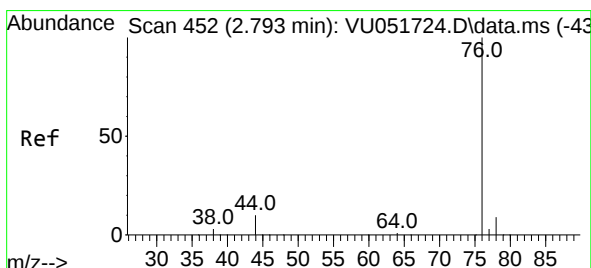
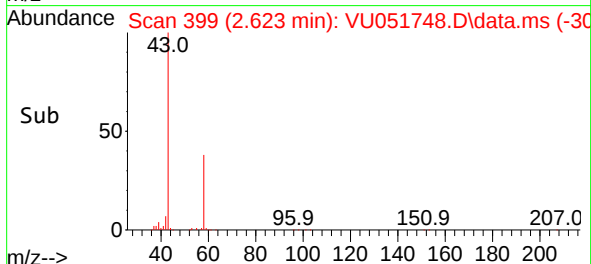
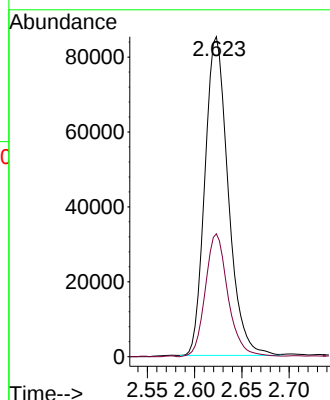
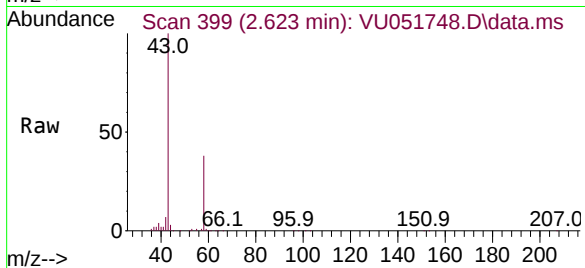
VSTD005199

Tgt Ion: 43 Resp: 146211

Ion Ratio Lower Upper

43 100

58 37.7 0.0 73.8



#14

Carbon disulfide

Concen: 3.259 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051748.D

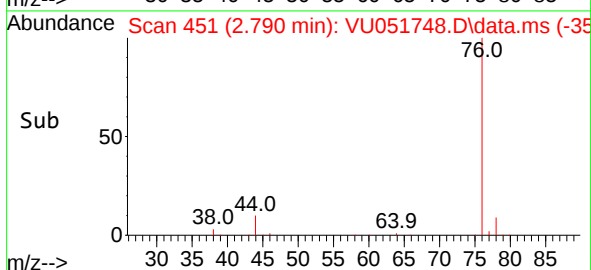
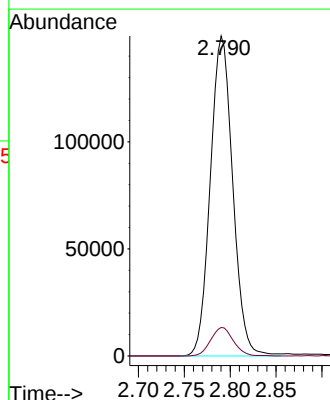
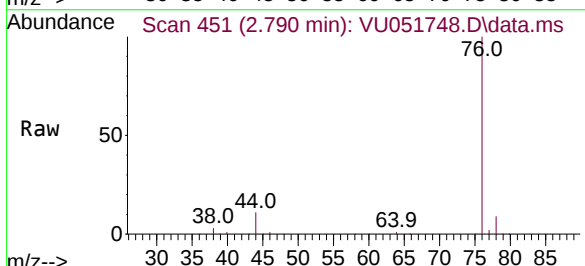
Acq: 03 Nov 2022 21:12

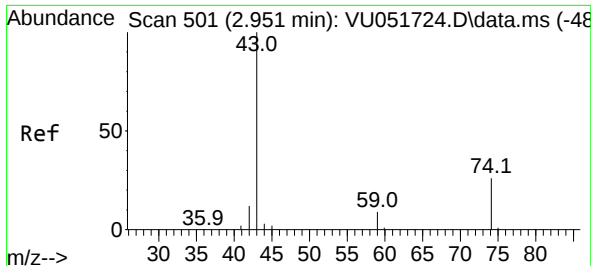
Tgt Ion: 76 Resp: 254259

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

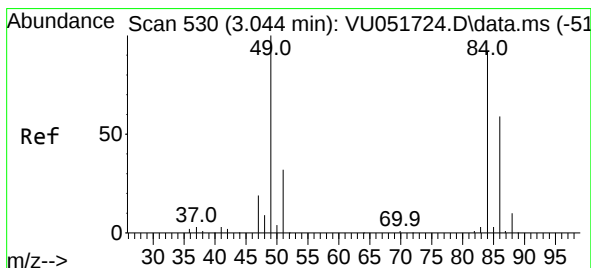
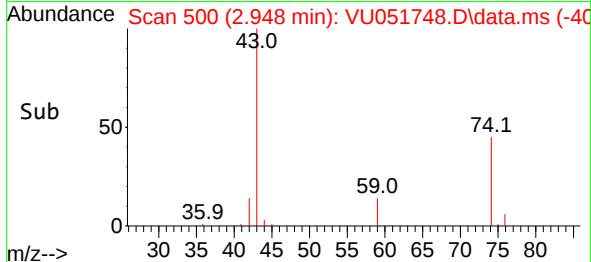
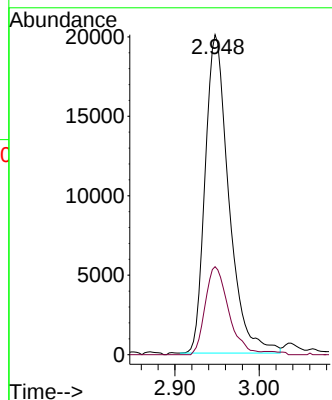
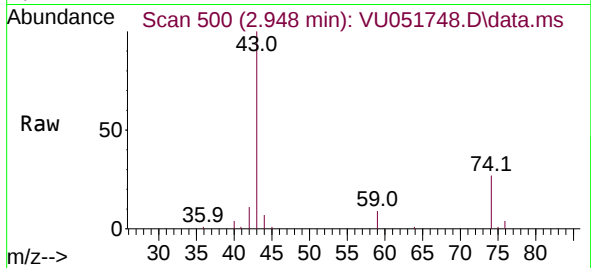




#15
Methyl Acetate
Concen: 3.883 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

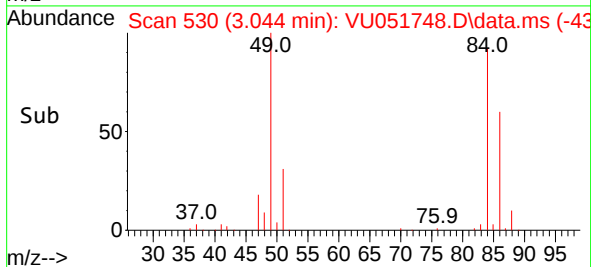
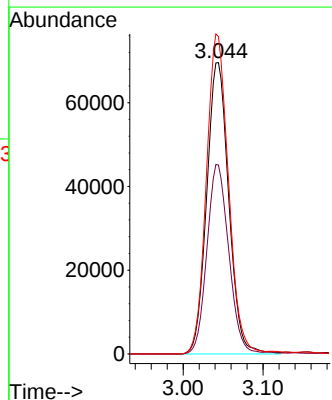
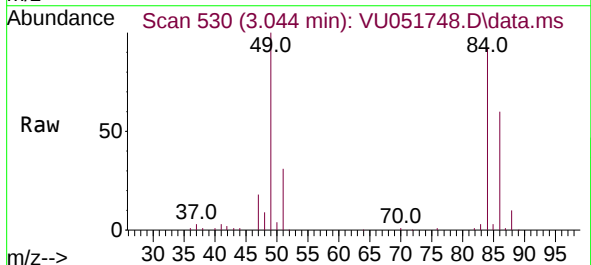
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

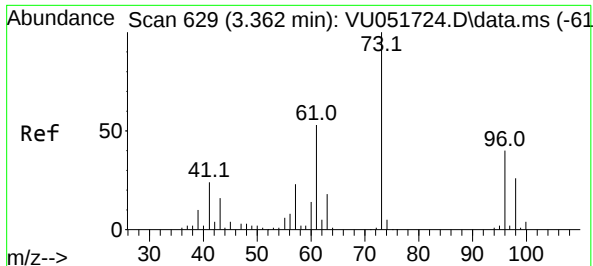
Tgt Ion: 43 Resp: 39165
Ion Ratio Lower Upper
43 100
74 27.2 20.2 30.4



#16
Methylene chloride
Concen: 3.359 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion: 84 Resp: 133150
Ion Ratio Lower Upper
84 100
86 64.9 46.3 85.9
49 108.9 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 3.693 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005199

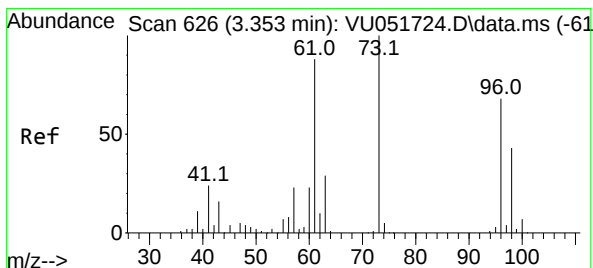
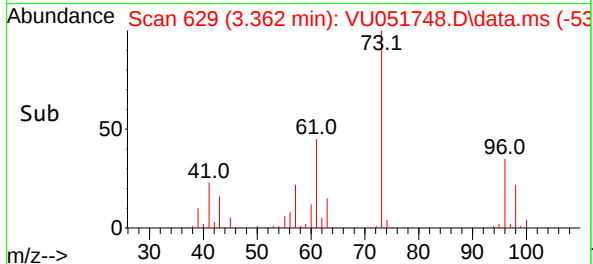
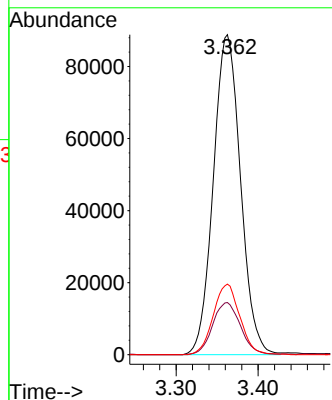
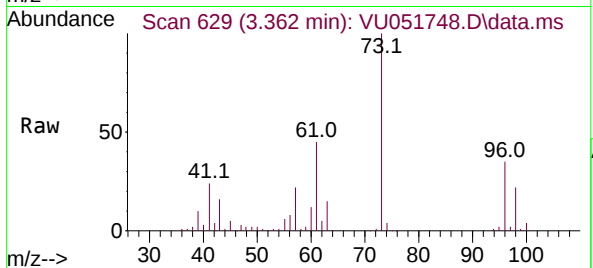
Tgt Ion: 73 Resp: 204976

Ion Ratio Lower Upper

73 100

43 16.7 13.6 20.4

57 21.5 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 3.452 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

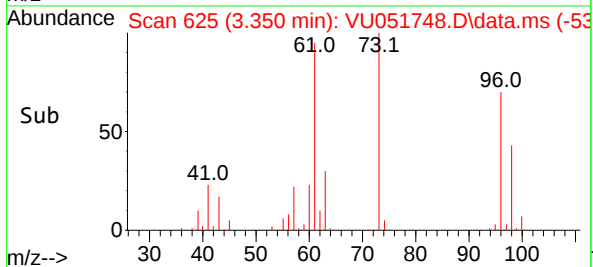
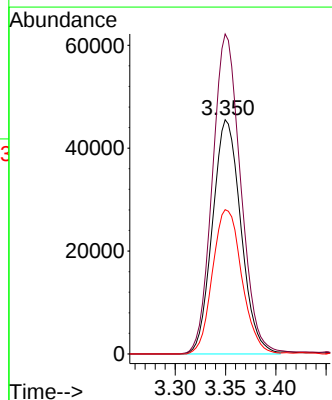
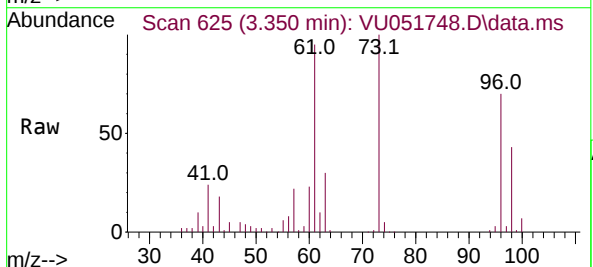
Tgt Ion: 96 Resp: 89669

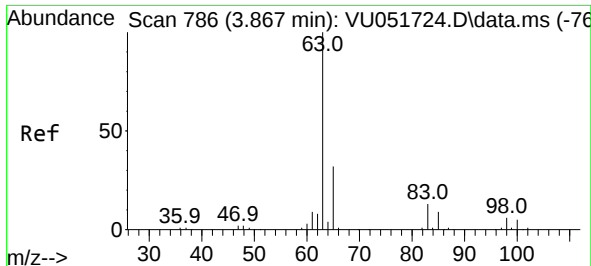
Ion Ratio Lower Upper

96 100

61 136.6 94.7 175.9

98 61.6 44.2 82.0





#19

1,1-Dichloroethane

Concen: 3.623 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005199

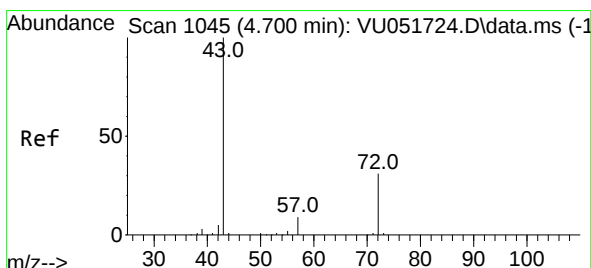
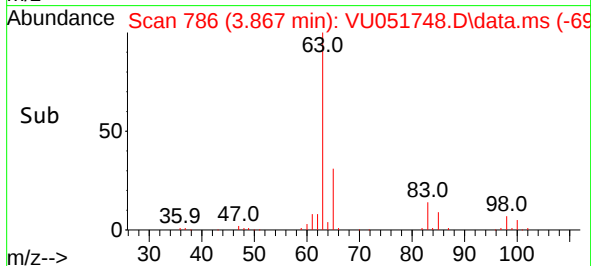
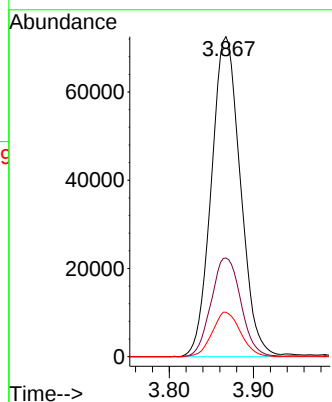
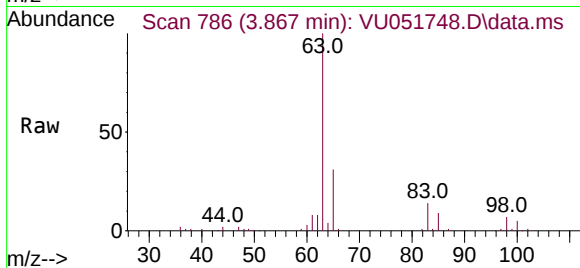
Tgt Ion: 63 Resp: 173585

Ion Ratio Lower Upper

63 100

65 30.8 22.7 42.1

83 13.9 9.2 17.0



#21

2-Butanone

Concen: 41.575 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU051748.D

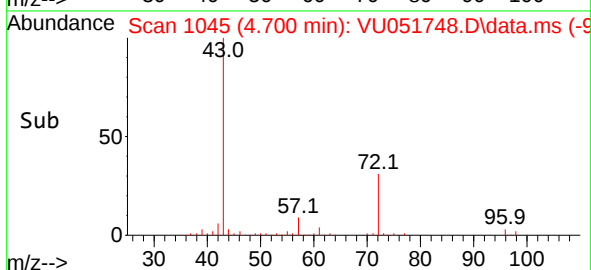
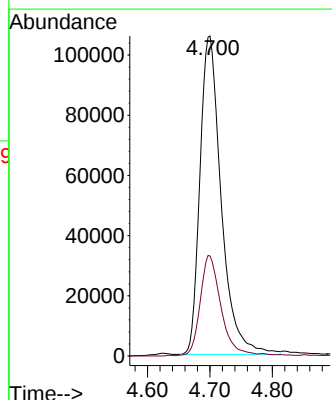
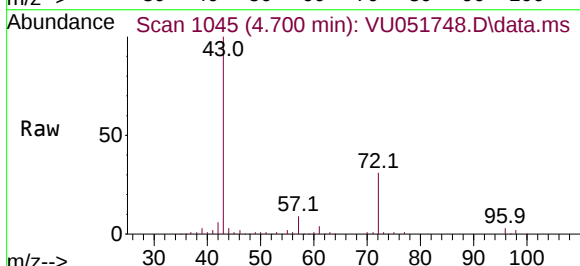
Acq: 03 Nov 2022 21:12

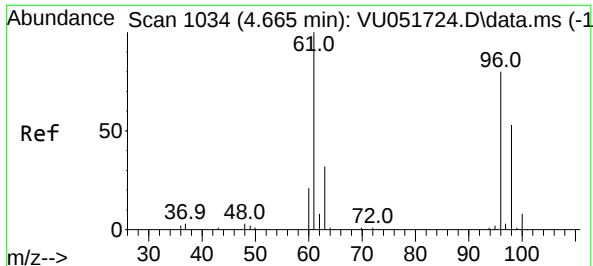
Tgt Ion: 43 Resp: 250849

Ion Ratio Lower Upper

43 100

72 30.3 16.2 48.5

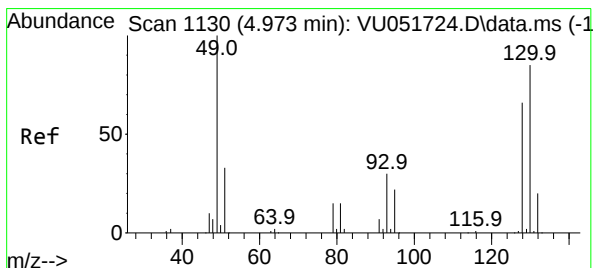
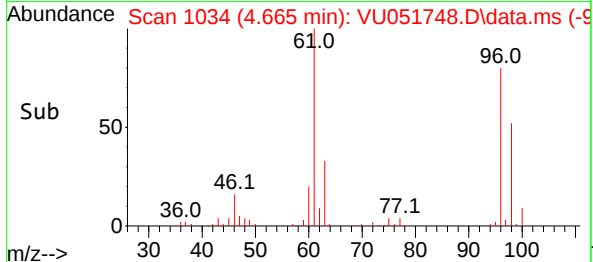
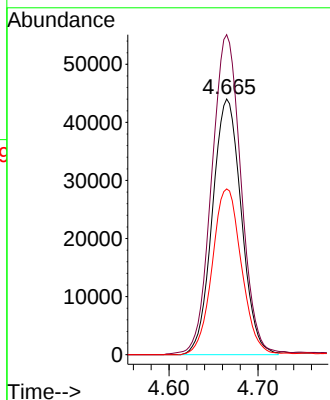
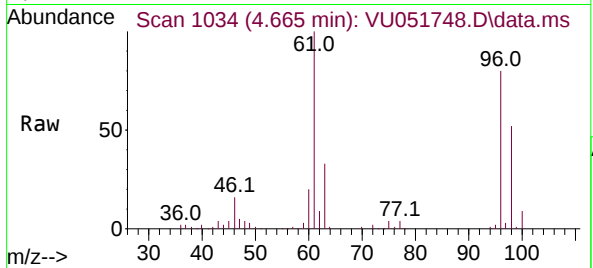




#22
 cis-1,2-Dichloroethene
 Concen: 3.464 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051748.D
 Acq: 03 Nov 2022 21:12

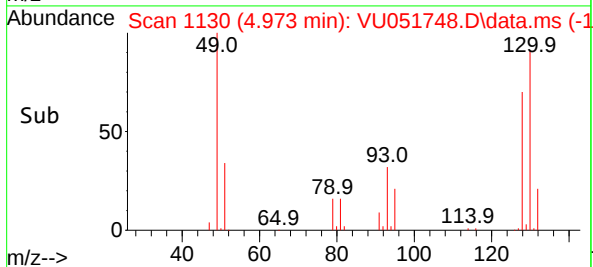
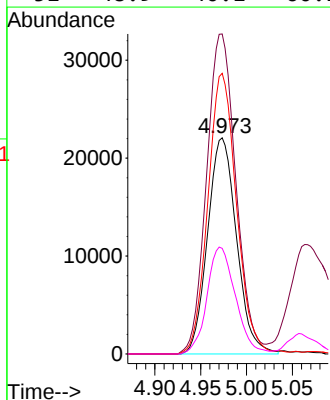
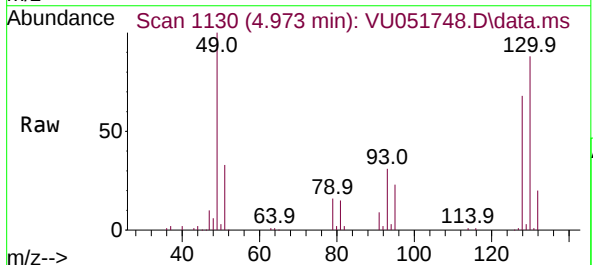
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

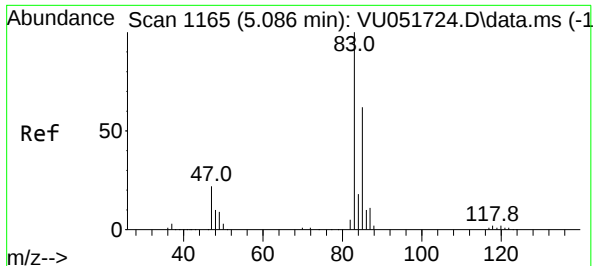
Tgt Ion: 96	Resp:	99547
Ion	Ratio	Lower Upper
96	100	
61	125.1	86.4 160.4
98	64.8	44.2 82.2



#23
 Bromochloromethane
 Concen: 3.601 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051748.D
 Acq: 03 Nov 2022 21:12

Tgt Ion: 128	Resp:	48385
Ion	Ratio	Lower Upper
128	100	
49	148.0	105.5 195.9
130	129.8	93.5 173.7
51	48.9	40.1 60.1





#25

Chloroform

Concen: 3.673 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

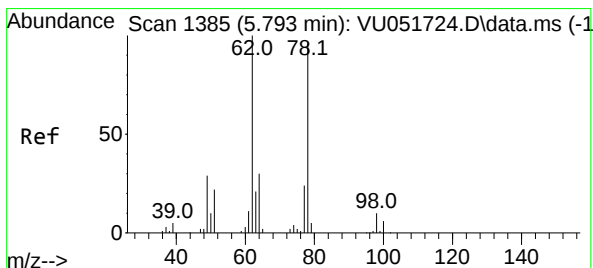
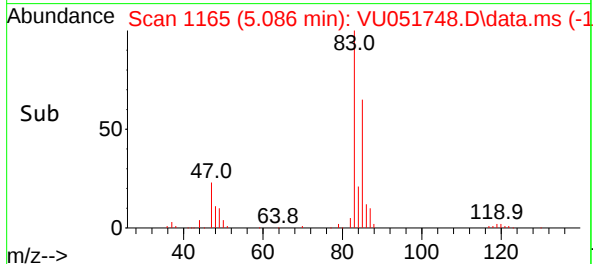
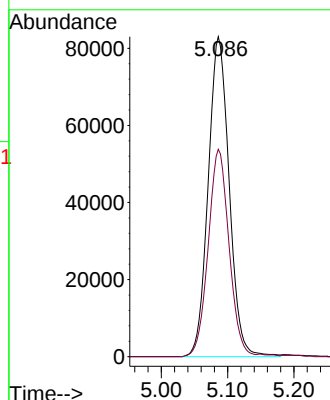
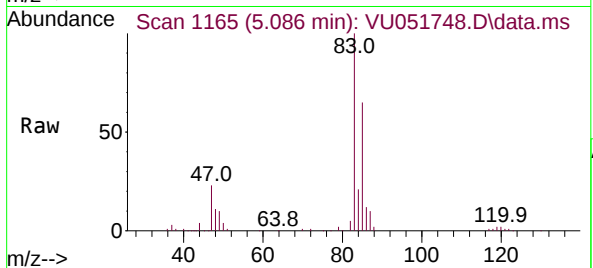
VSTD005199

Tgt Ion: 83 Resp: 182555

Ion Ratio Lower Upper

83 100

85 64.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 3.569 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051748.D

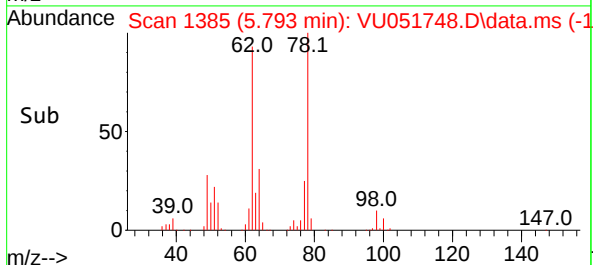
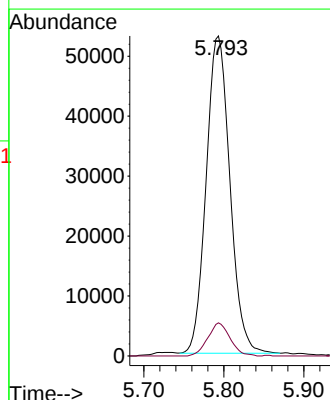
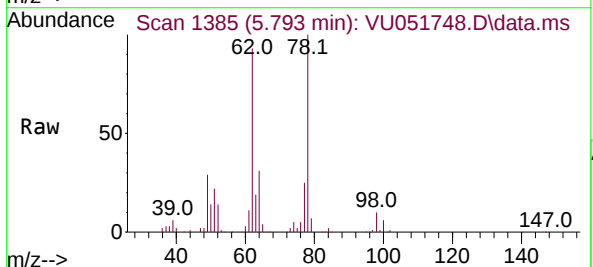
Acq: 03 Nov 2022 21:12

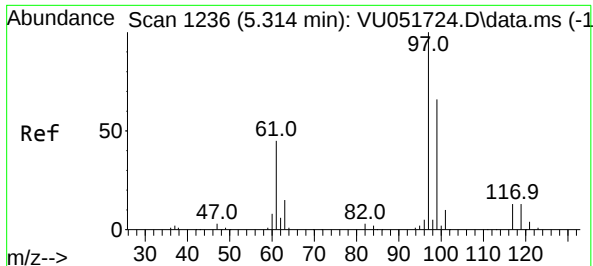
Tgt Ion: 62 Resp: 109176

Ion Ratio Lower Upper

62 100

98 10.3 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 3.651 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005199

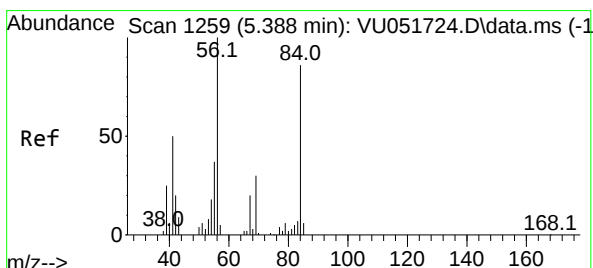
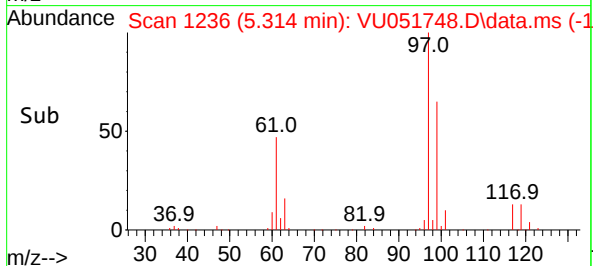
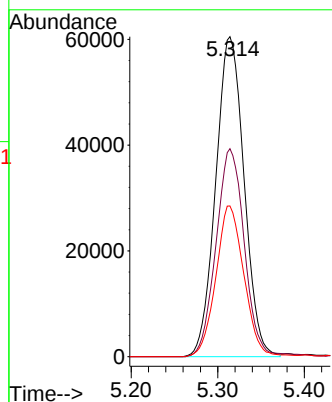
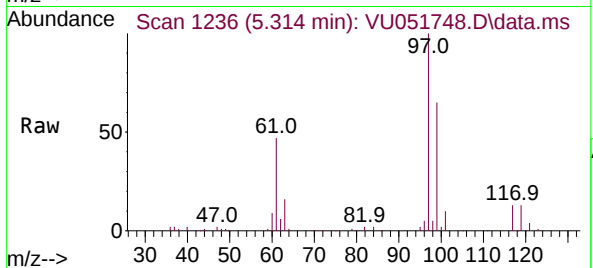
Tgt Ion: 97 Resp: 137807

Ion Ratio Lower Upper

97 100

99 65.1 51.1 76.7

61 46.5 37.4 56.0



#30

Cyclohexane

Concen: 3.268 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

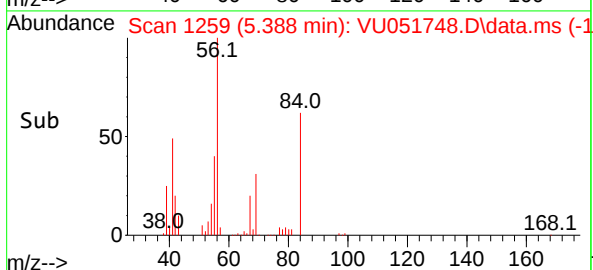
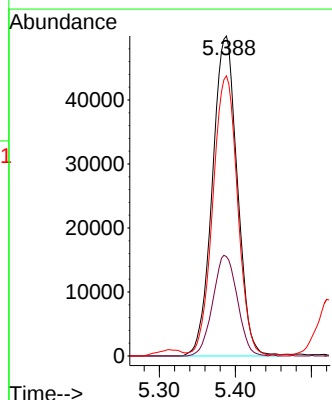
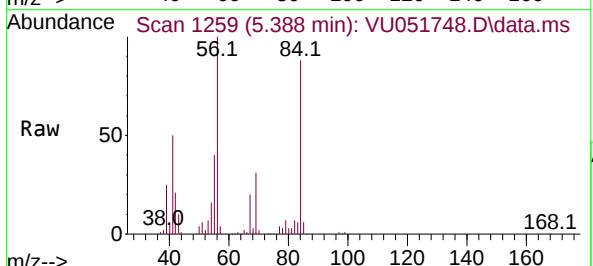
Tgt Ion: 56 Resp: 113563

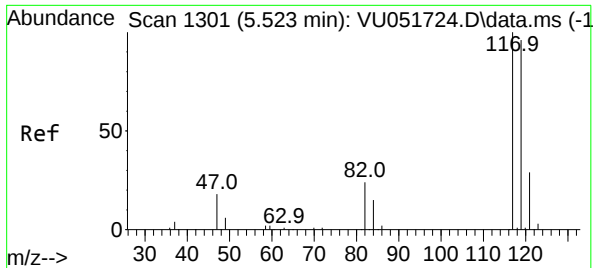
Ion Ratio Lower Upper

56 100

69 31.0 25.4 38.0

84 86.4 71.4 107.0

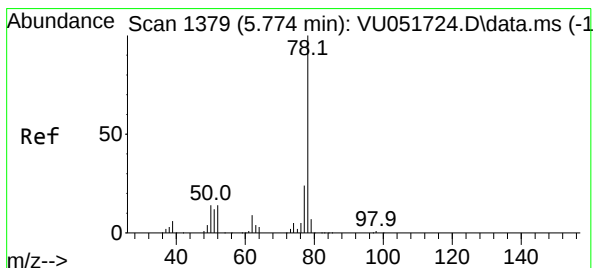
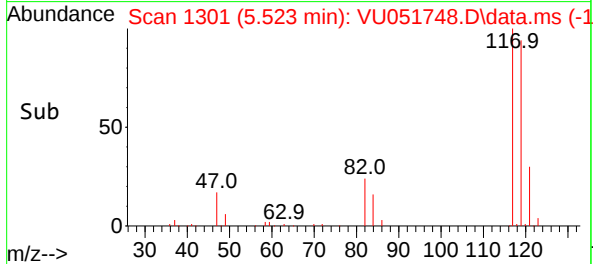
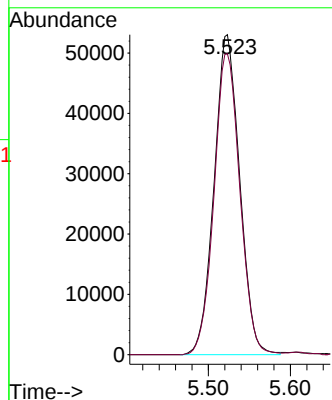
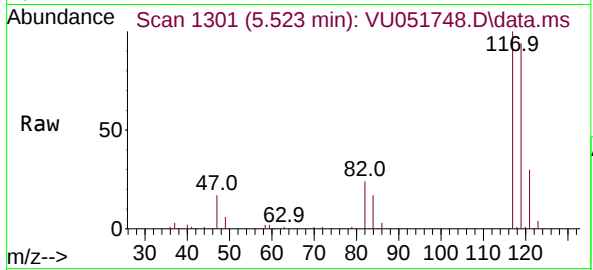




#31
Carbon tetrachloride
Concen: 3.567 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

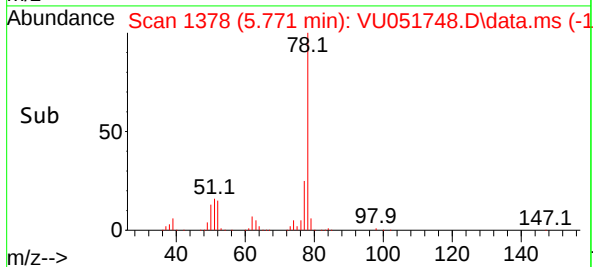
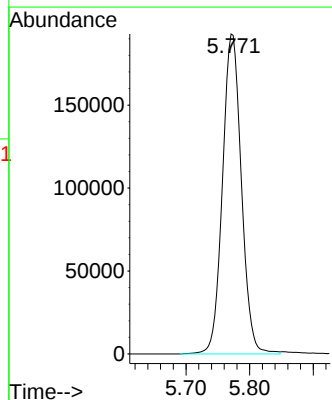
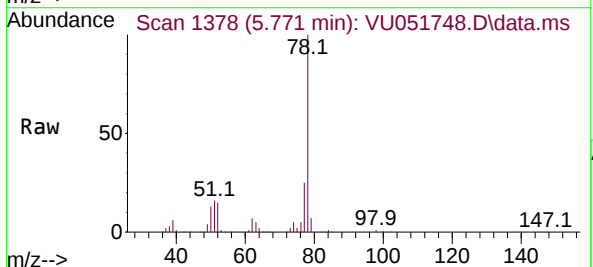
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

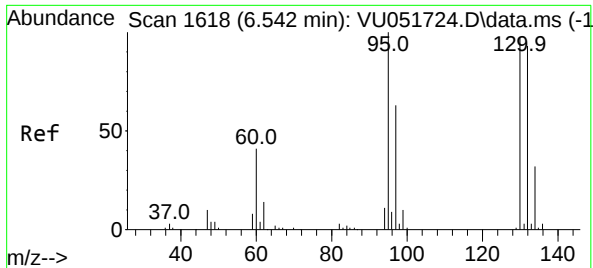
Tgt Ion:117 Resp: 115141
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3



#33
Benzene
Concen: 3.632 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion: 78 Resp: 398389



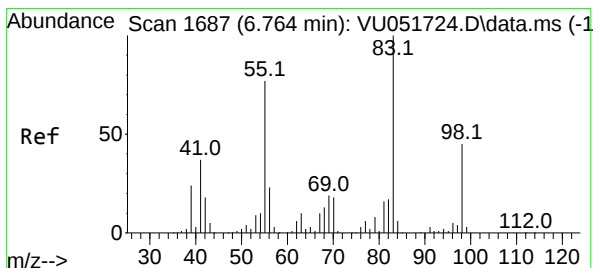
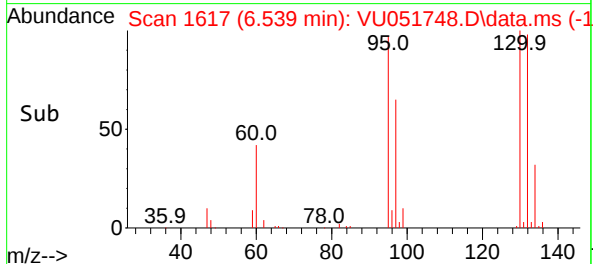
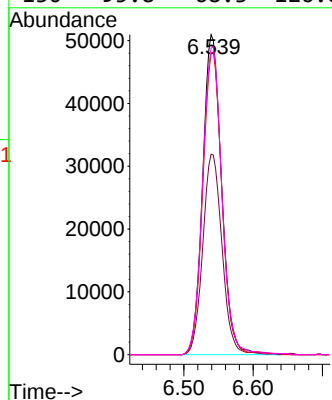
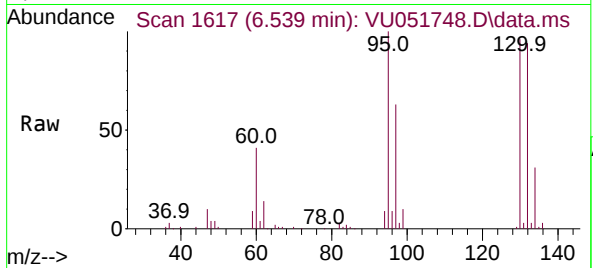


#34
Trichloroethene
Concen: 3.641 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

Tgt Ion: 95 Resp: 96401

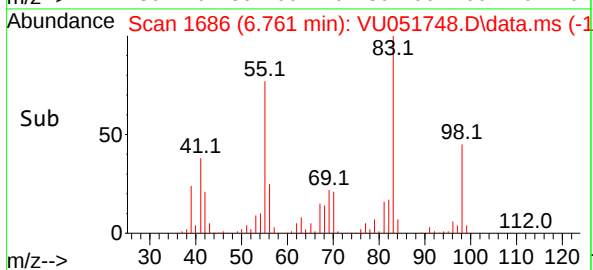
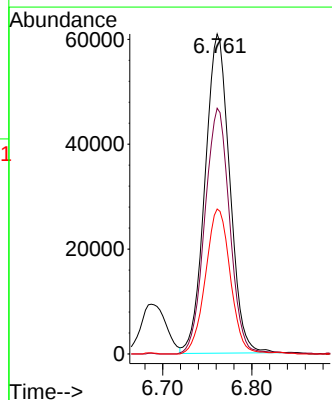
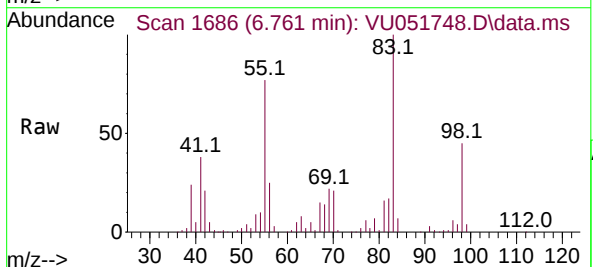
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.2	84.0
132	94.2	66.5	123.5
130	95.8	68.3	126.8

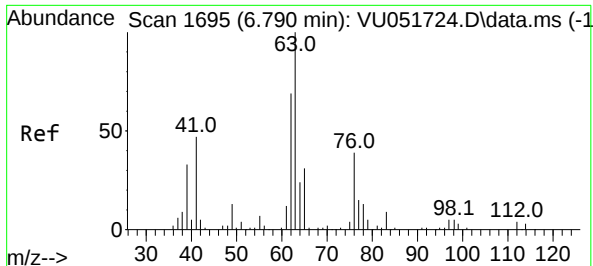


#35
Methylcyclohexane
Concen: 3.197 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion: 83 Resp: 117033

Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.6	90.8
98	45.7	35.8	53.6





#37

1,2-Dichloropropane

Concen: 3.765 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

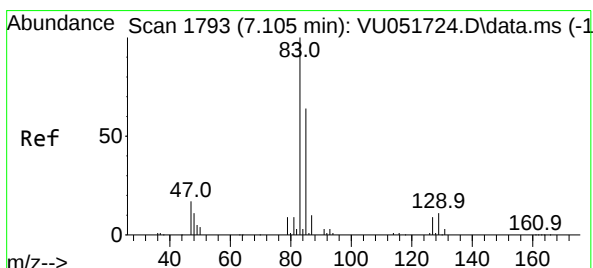
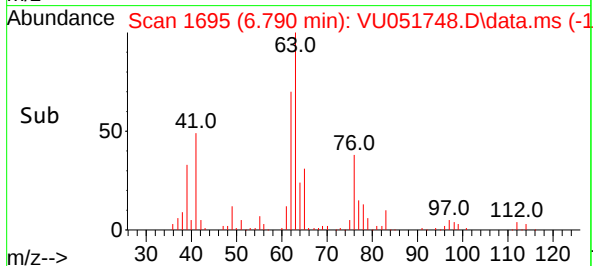
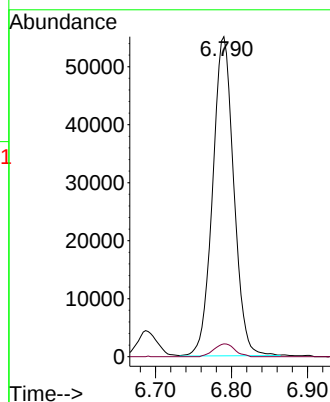
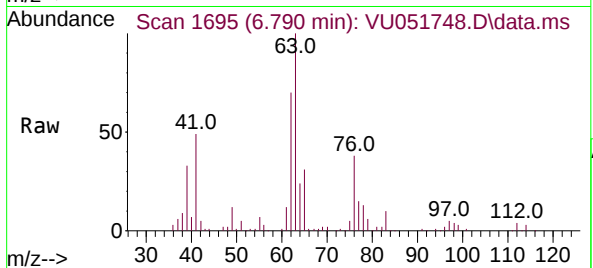
VSTD005199

Tgt Ion: 63 Resp: 106219

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 3.834 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

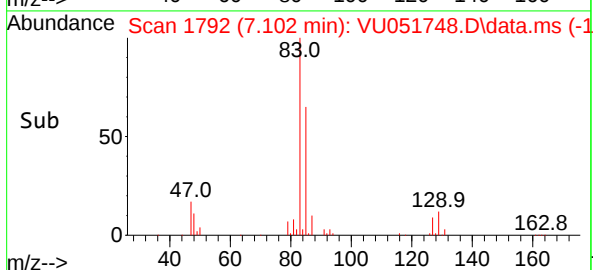
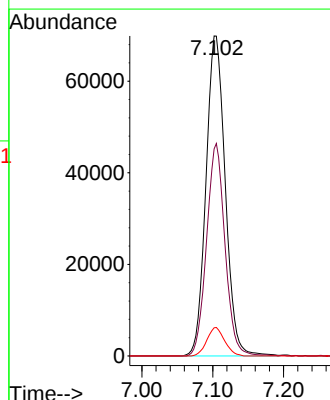
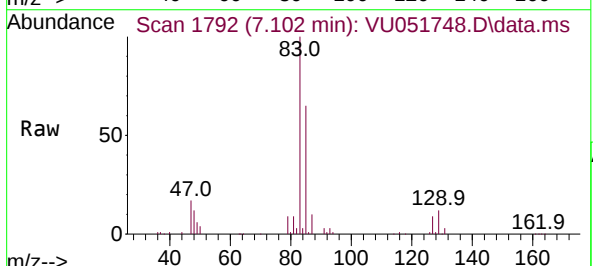
Tgt Ion: 83 Resp: 132137

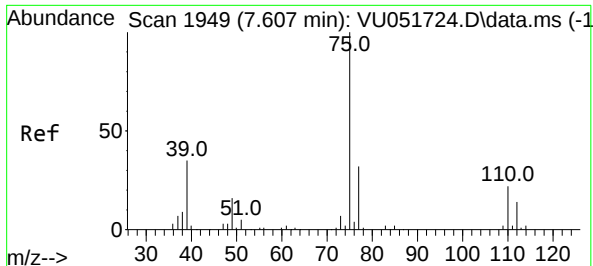
Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7

127 8.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 3.557 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

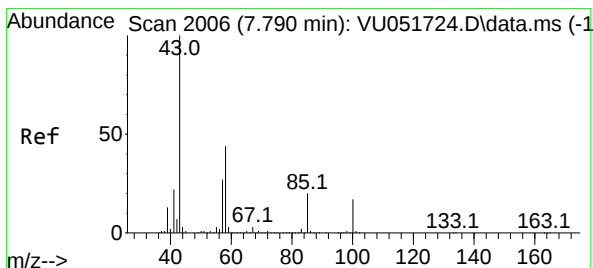
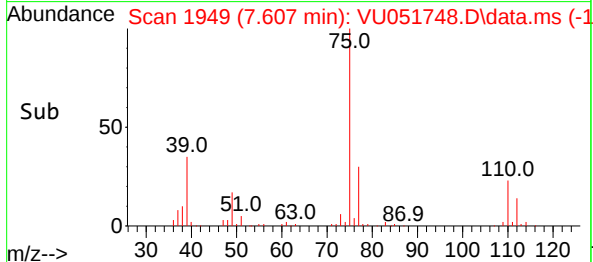
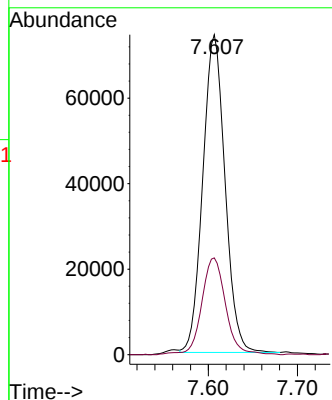
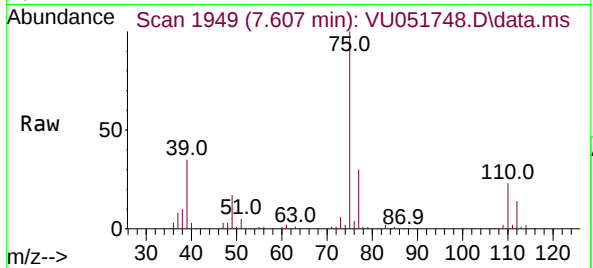
VSTD005199

Tgt Ion: 75 Resp: 128740

Ion Ratio Lower Upper

75 100

77 30.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 42.414 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

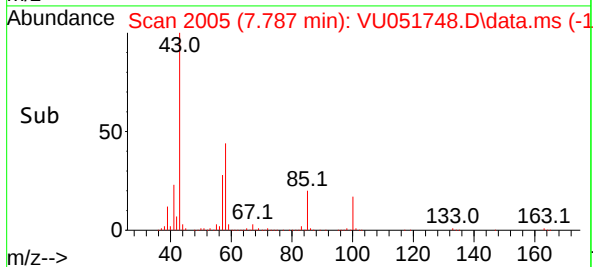
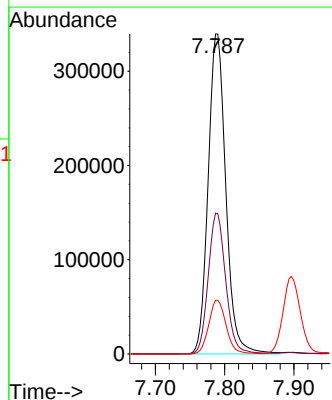
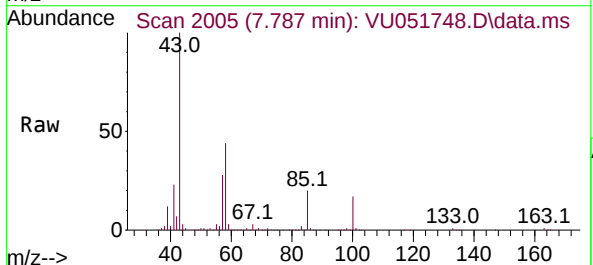
Tgt Ion: 43 Resp: 600240

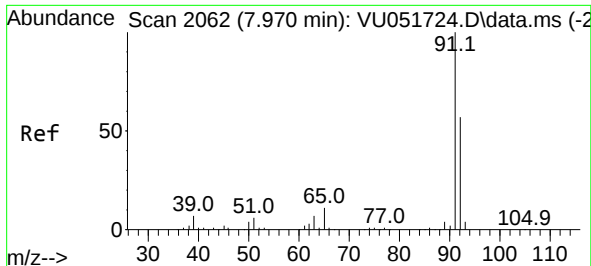
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 16.6 13.4 20.0





#42

Toluene

Concen: 3.796 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

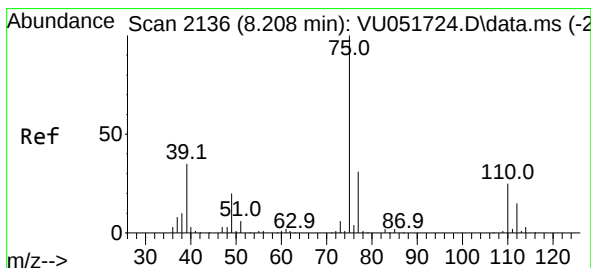
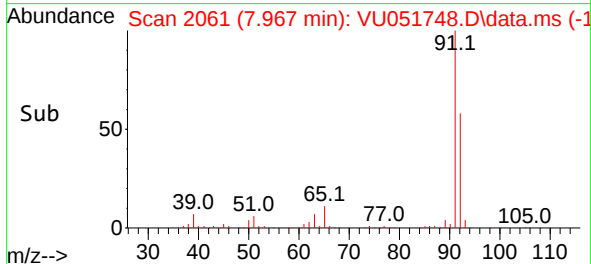
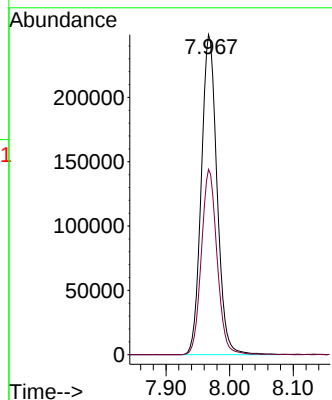
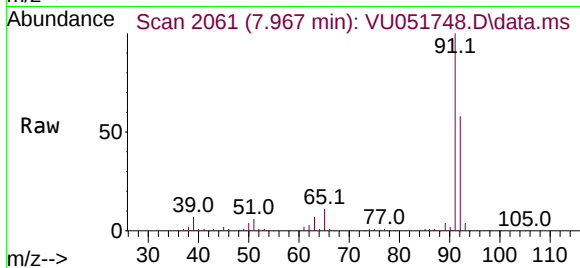
VSTD005199

Tgt Ion: 91 Resp: 427626

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 3.790 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051748.D

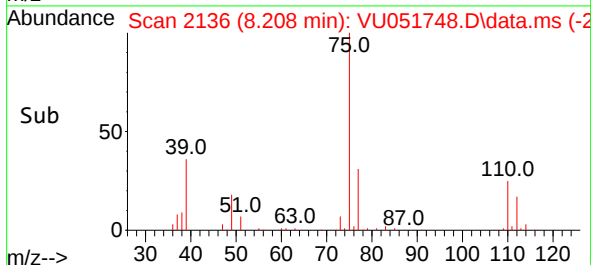
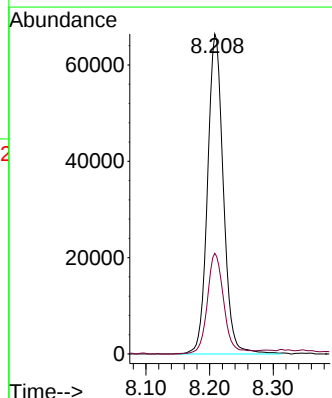
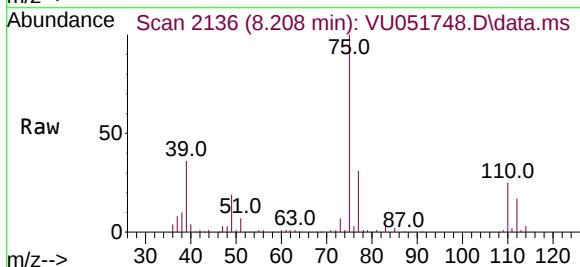
Acq: 03 Nov 2022 21:12

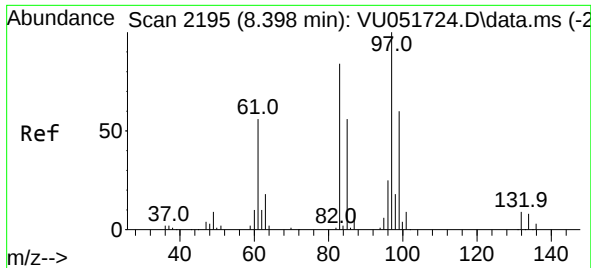
Tgt Ion: 75 Resp: 114659

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6

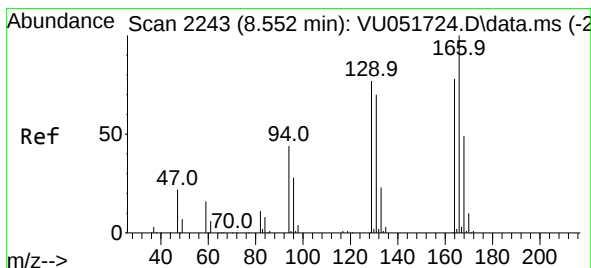
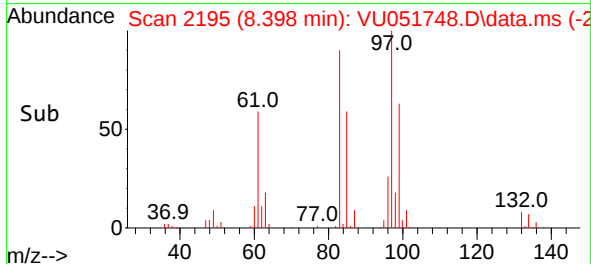
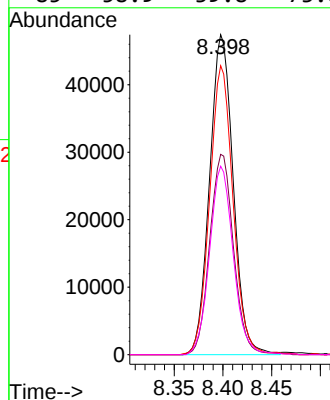
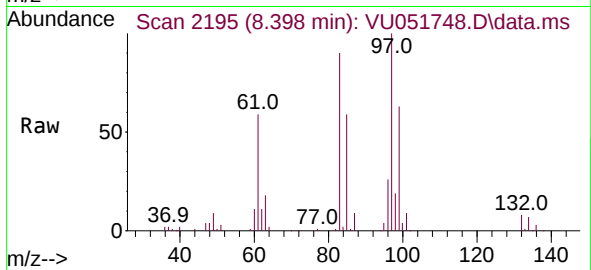




#45
1,1,2-Trichloroethane
Concen: 3.871 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

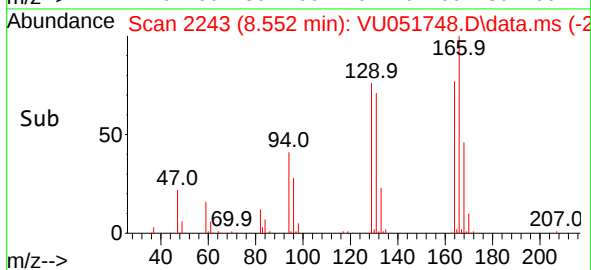
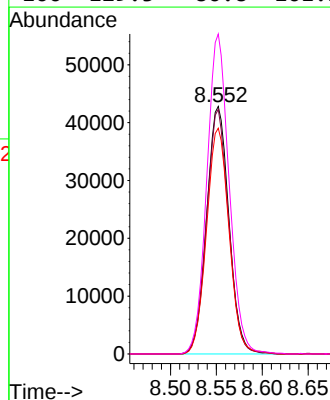
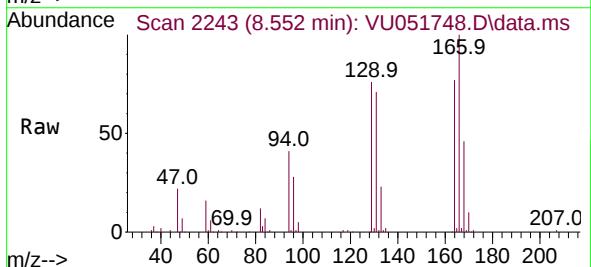
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

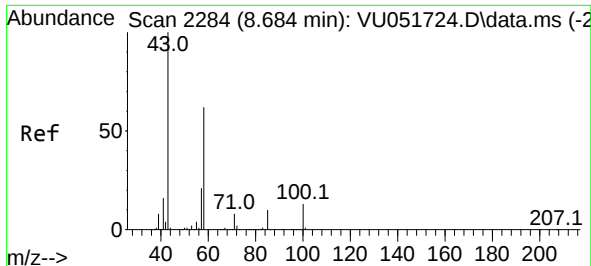
Tgt Ion:	97	Resp:	80030
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.4	80.6
83	90.3	61.3	113.9
85	58.9	39.8	73.8



#47
Tetrachloroethene
Concen: 3.566 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion:	164	Resp:	72301
Ion	Ratio	Lower	Upper
164	100		
129	98.9	64.0	118.8
131	91.3	60.7	112.7
166	129.3	86.8	161.2



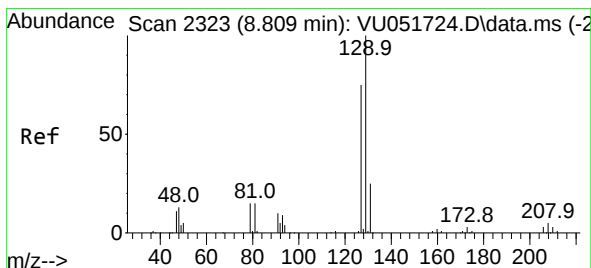
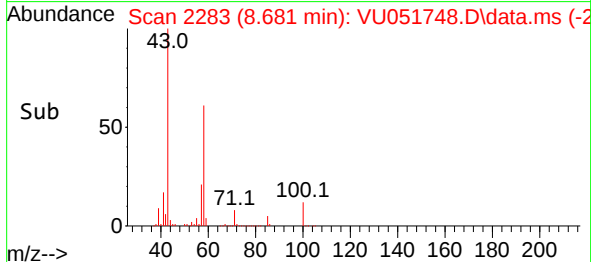
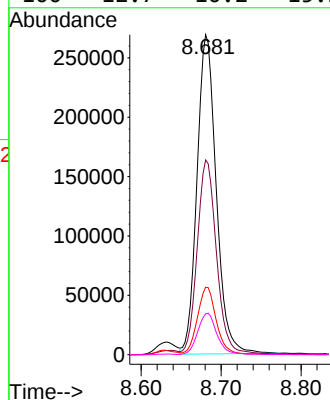
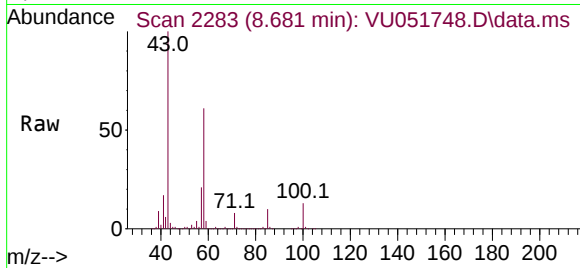


#48
2-Hexanone
Concen: 43.075 ug/L
RT: 8.681 min Scan# 2119
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

Tgt Ion: 43 Resp: 451219

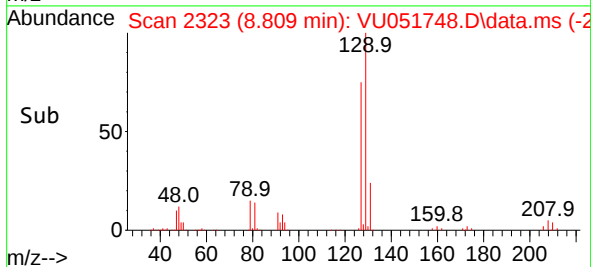
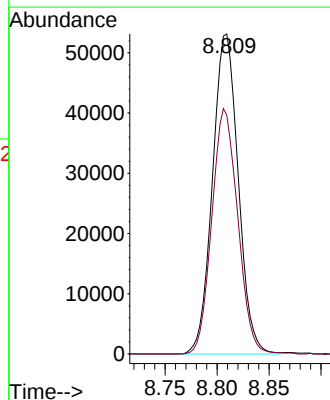
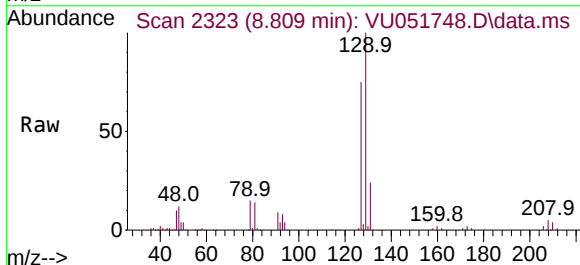
Ion	Ratio	Lower	Upper
43	100		
58	60.7	48.2	72.2
57	20.7	16.6	25.0
100	12.7	10.2	15.2

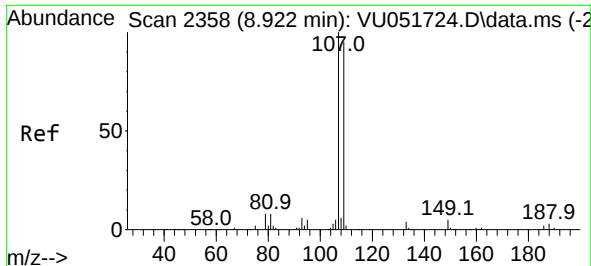


#49
Dibromochloromethane
Concen: 3.878 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion: 129 Resp: 91597

Ion	Ratio	Lower	Upper
129	100		
127	74.6	54.8	101.8





#50

1,2-Dibromoethane

Concen: 3.973 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005199

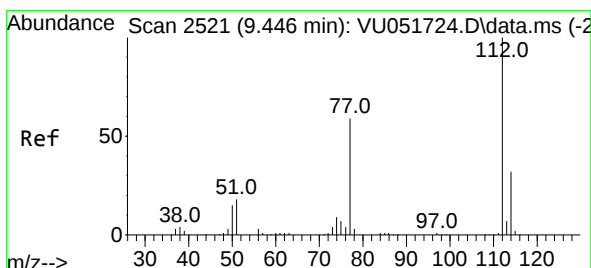
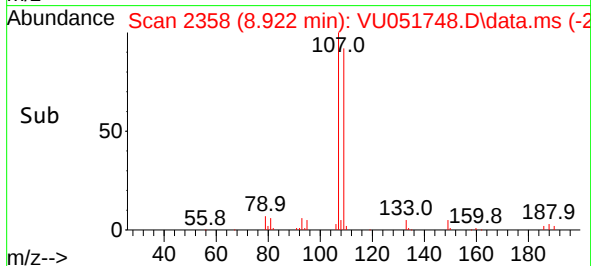
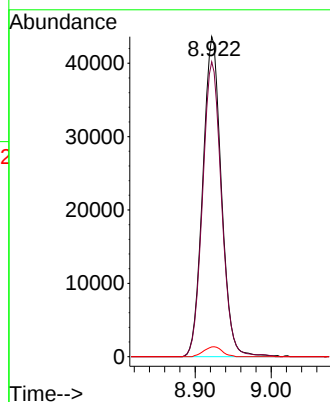
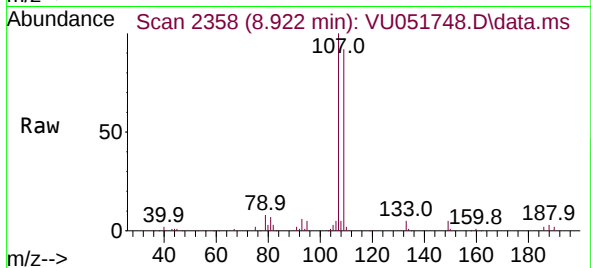
Tgt Ion:107 Resp: 74113

Ion Ratio Lower Upper

107 100

109 92.1 63.0 117.0

188 3.0 3.0 4.4



#51

Chlorobenzene

Concen: 3.780 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

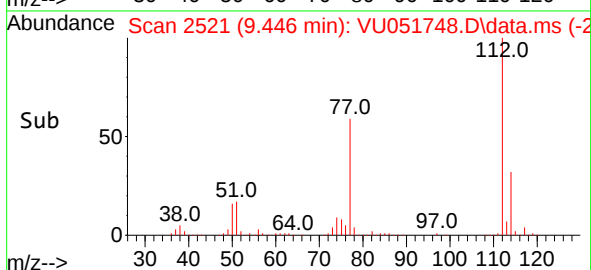
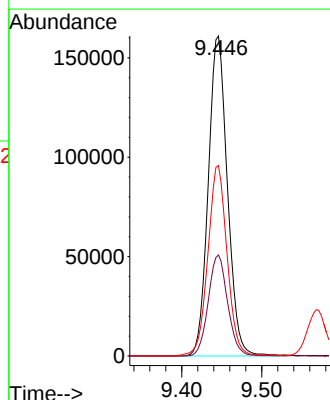
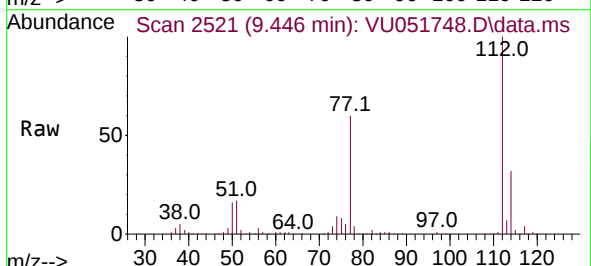
Tgt Ion:112 Resp: 268033

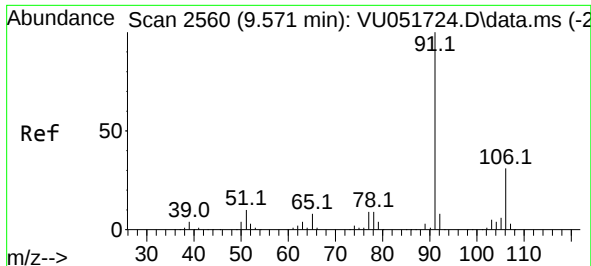
Ion Ratio Lower Upper

112 100

114 31.6 22.0 40.8

77 59.5 46.7 70.1

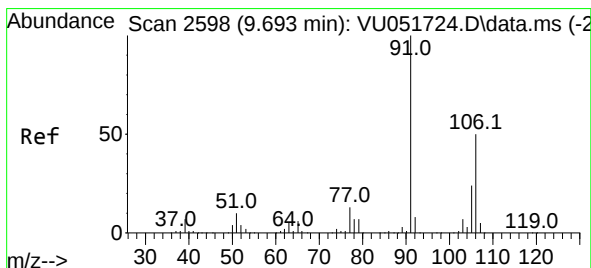
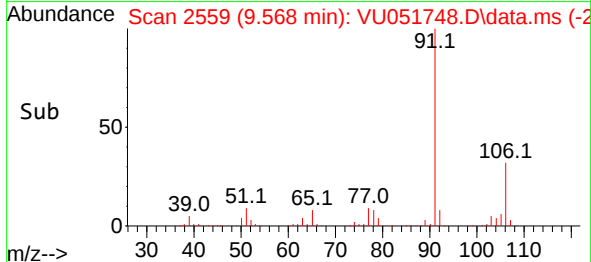
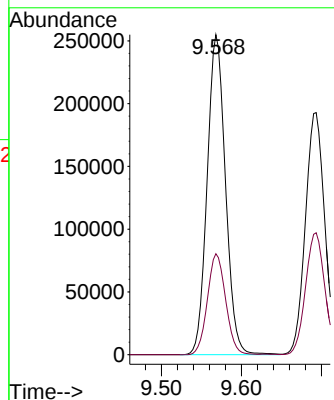
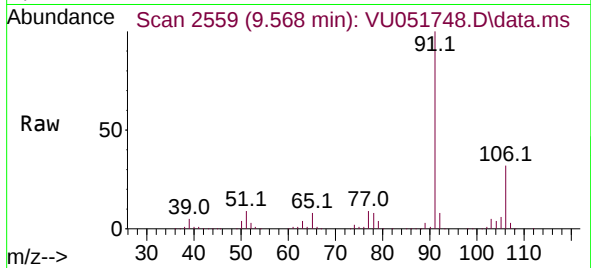




#52
Ethylbenzene
Concen: 3.735 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

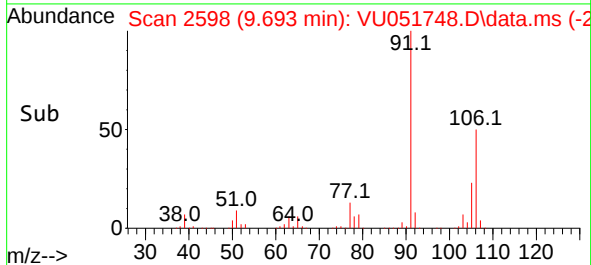
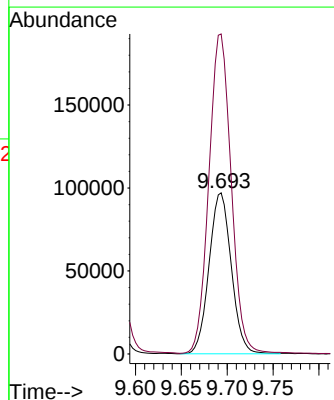
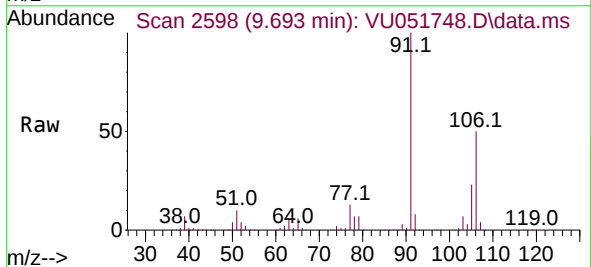
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

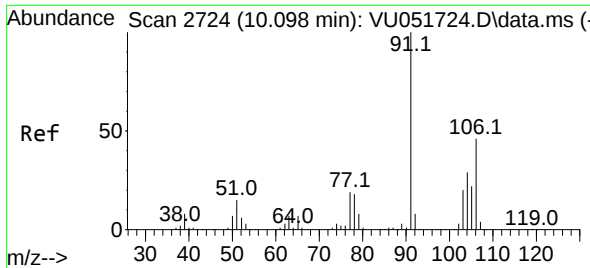
Tgt Ion: 91 Resp: 406049
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.6



#53
m,p-Xylene
Concen: 3.864 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion: 106 Resp: 163129
Ion Ratio Lower Upper
106 100
91 198.6 139.4 259.0

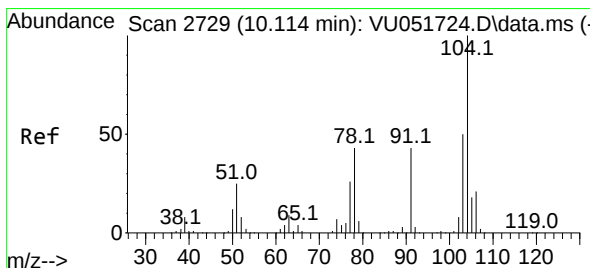
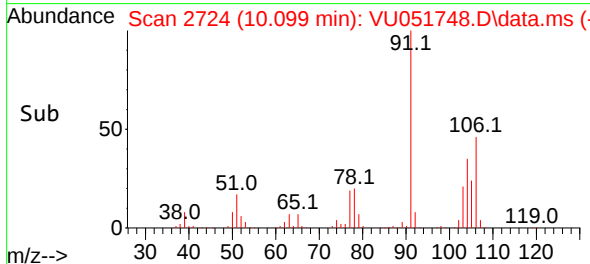
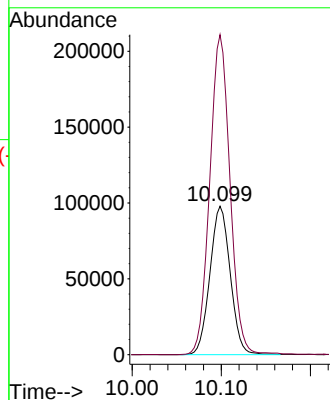
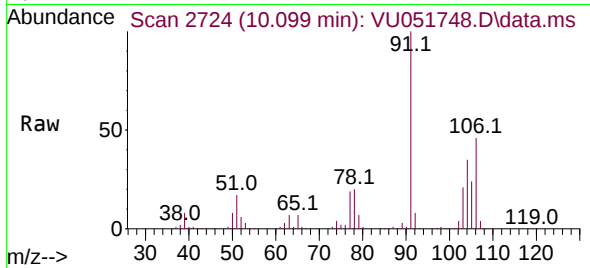




#54
o-Xylene
Concen: 3.761 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

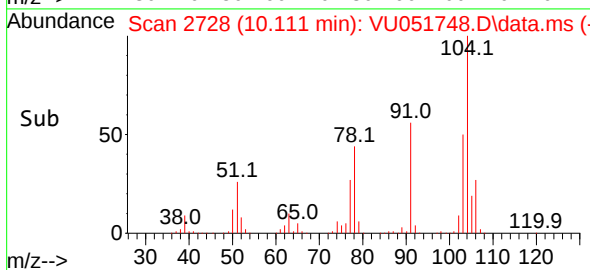
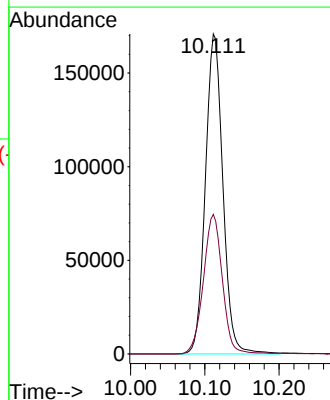
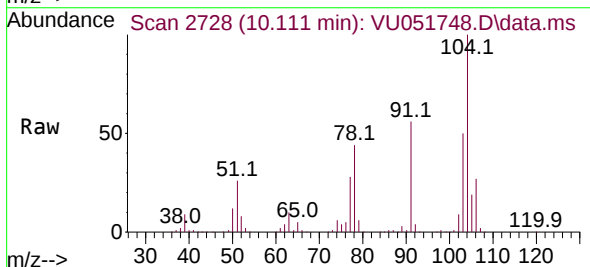
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

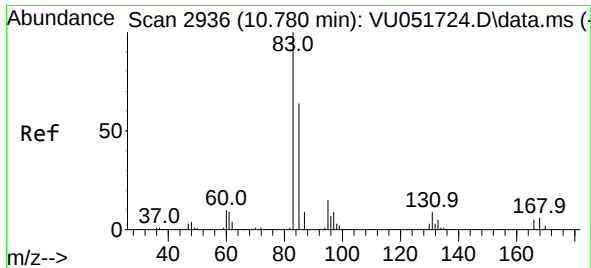
Tgt Ion:106 Resp: 155186
Ion Ratio Lower Upper
106 100
91 215.5 149.2 277.2



#55
Styrene
Concen: 4.061 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion:104 Resp: 280122
Ion Ratio Lower Upper
104 100
78 43.6 31.8 59.0



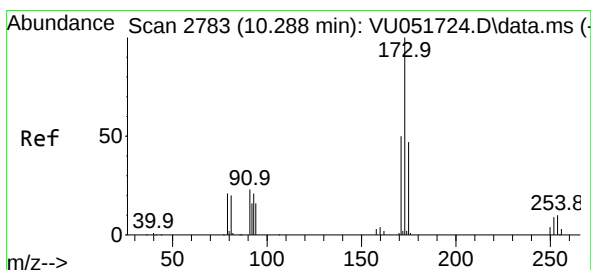
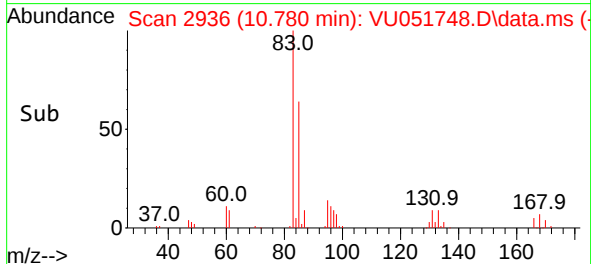
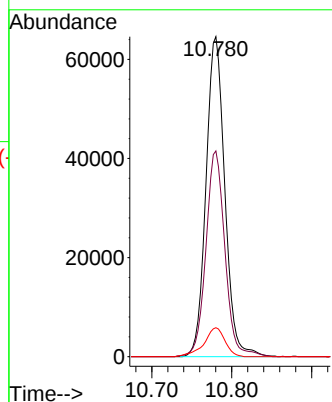
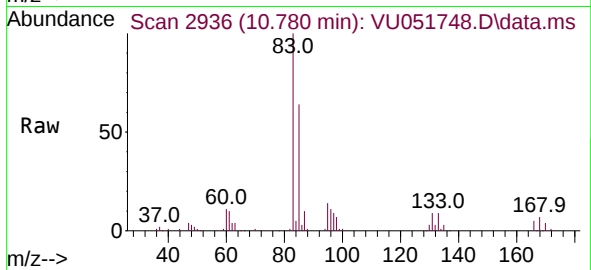


#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.125 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. 0.000 min
 Lab File: VU051748.D
 Acq: 03 Nov 2022 21:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Tgt Ion: 83 Resp: 105748

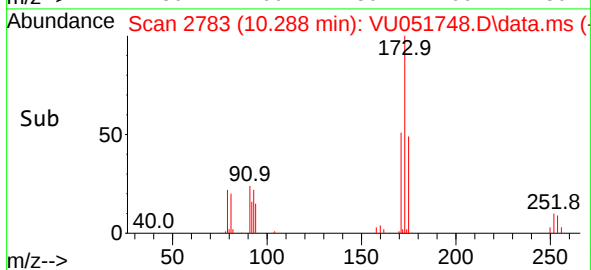
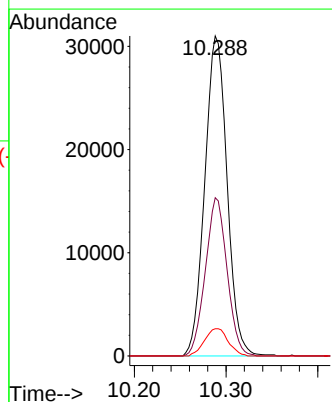
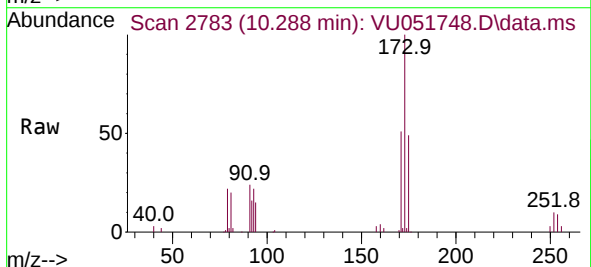
Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.9	83.5
131	9.1	7.8	11.8

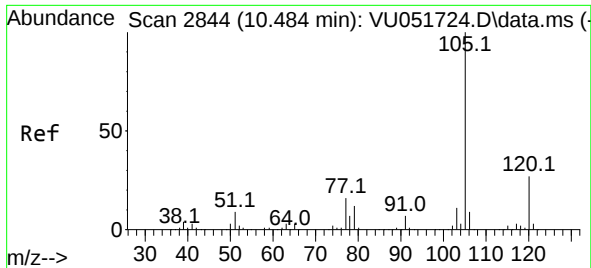


#59
 Bromoform
 Concen: 3.889 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. 0.000 min
 Lab File: VU051748.D
 Acq: 03 Nov 2022 21:12

Tgt Ion:173 Resp: 52397

Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.7	58.1
254	9.0	7.3	10.9

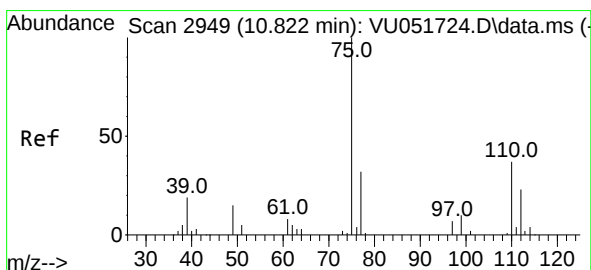
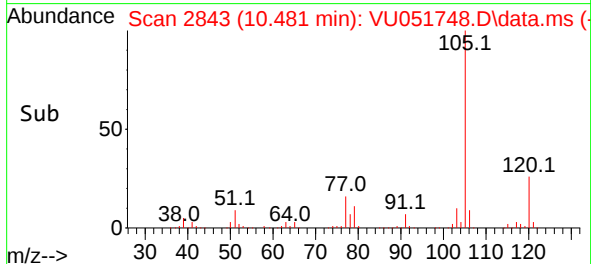
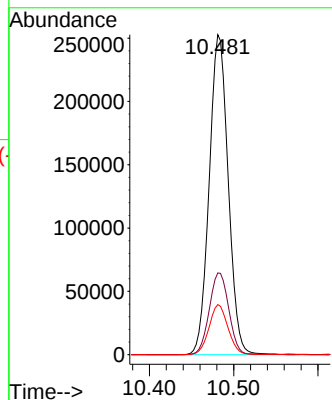
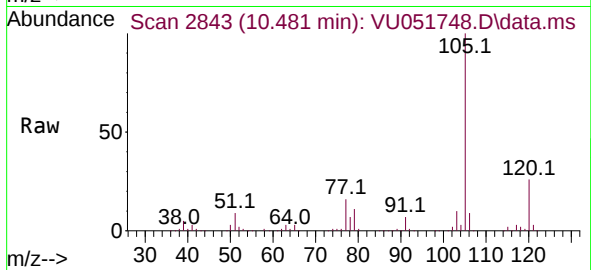




#60
Isopropylbenzene
Concen: 3.720 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

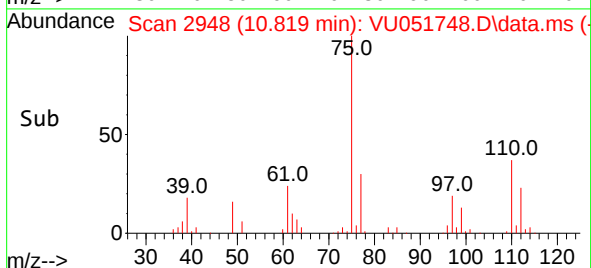
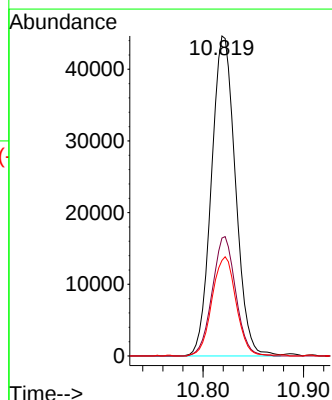
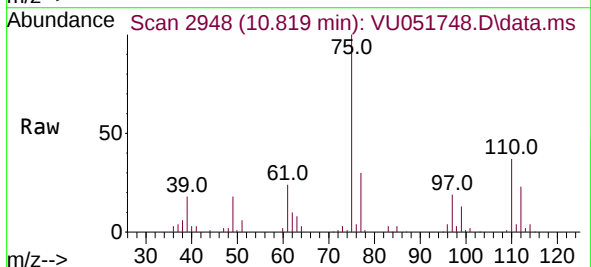
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

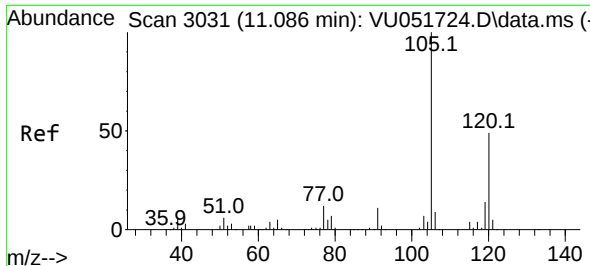
Tgt Ion:105 Resp: 396021
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.7 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 3.929 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion: 75 Resp: 74084
Ion Ratio Lower Upper
75 100
110 36.3 28.7 43.1
77 31.1 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 3.452 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

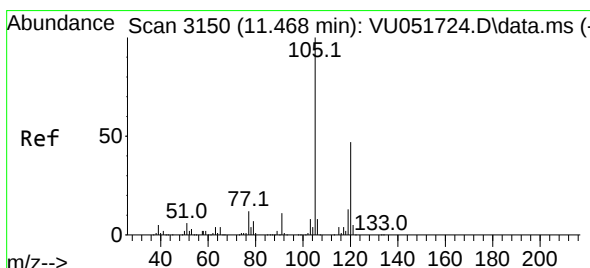
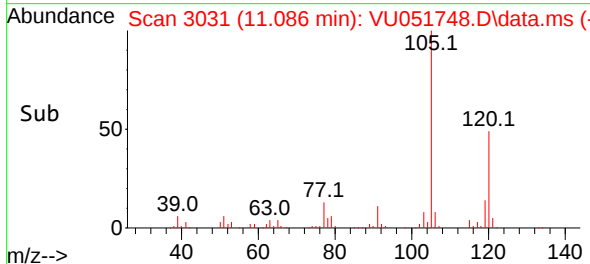
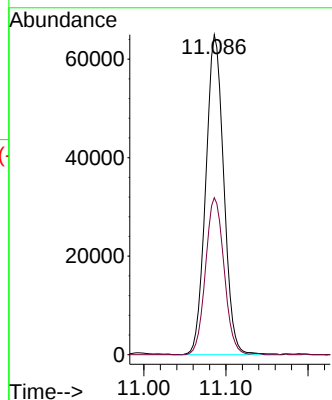
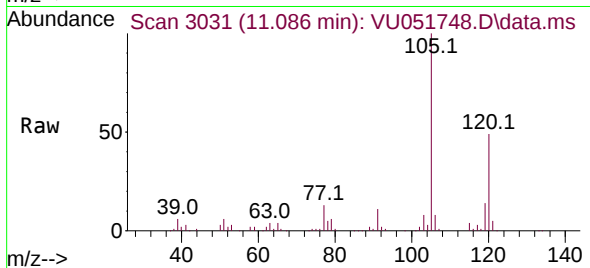
VSTD005199

Tgt Ion:105 Resp: 98935

Ion Ratio Lower Upper

105 100

120 50.4 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 3.540 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU051748.D

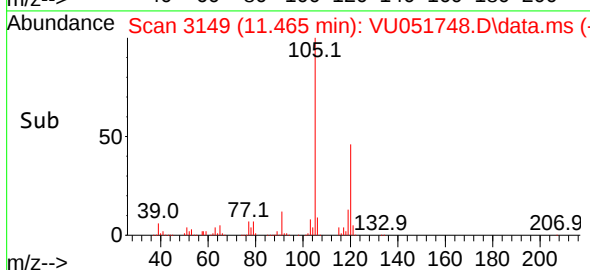
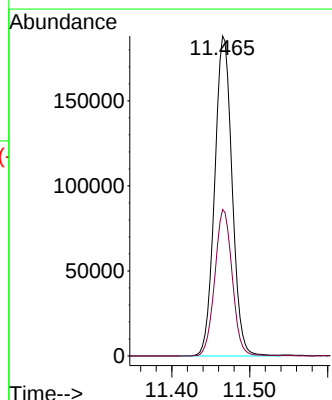
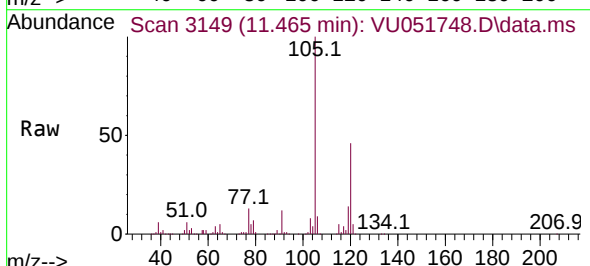
Acq: 03 Nov 2022 21:12

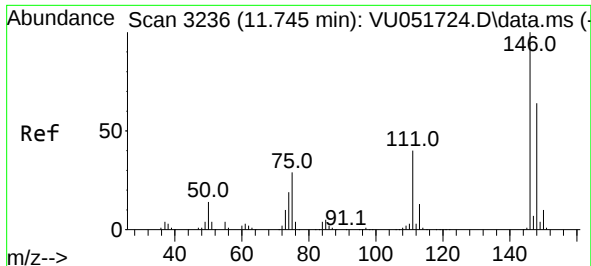
Tgt Ion:105 Resp: 292532

Ion Ratio Lower Upper

105 100

120 45.8 35.8 53.6

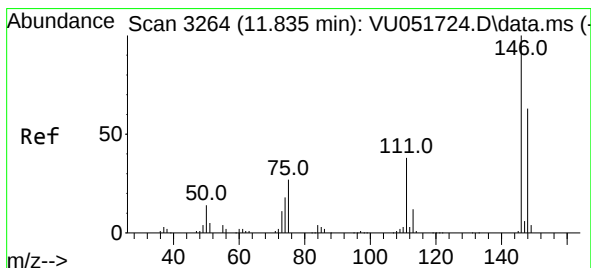
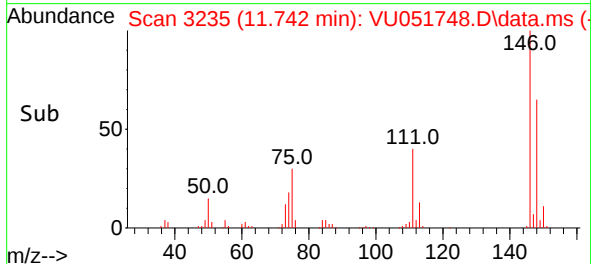
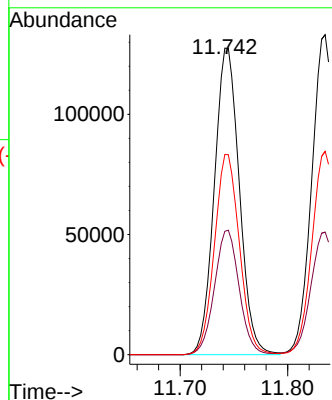
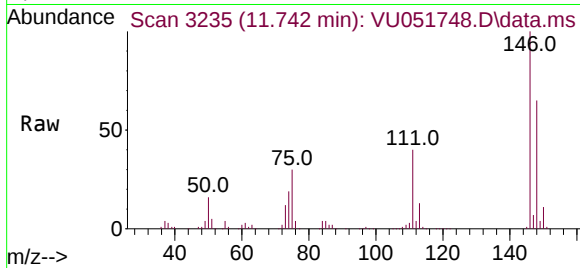




#64
 1,3-Dichlorobenzene
 Concen: 3.894 ug/L
 RT: 11.742 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU051748.D
 Acq: 03 Nov 2022 21:12

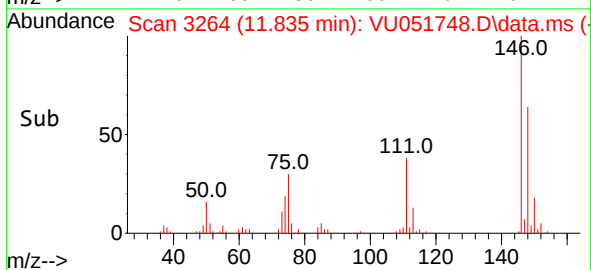
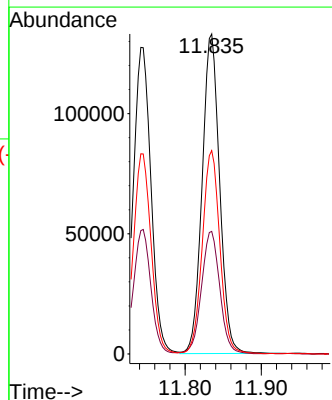
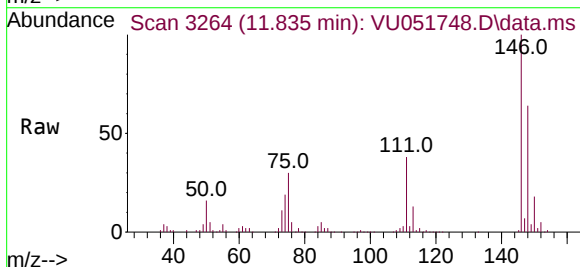
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

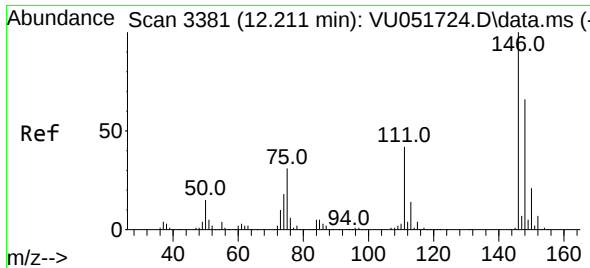
Tgt Ion:146 Resp: 206399
 Ion Ratio Lower Upper
 146 100
 111 40.3 28.6 53.2
 148 65.3 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 3.995 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU051748.D
 Acq: 03 Nov 2022 21:12

Tgt Ion:146 Resp: 212290
 Ion Ratio Lower Upper
 146 100
 111 38.3 26.7 49.5
 148 63.6 43.5 80.9

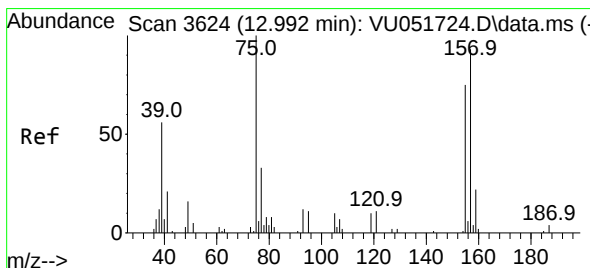
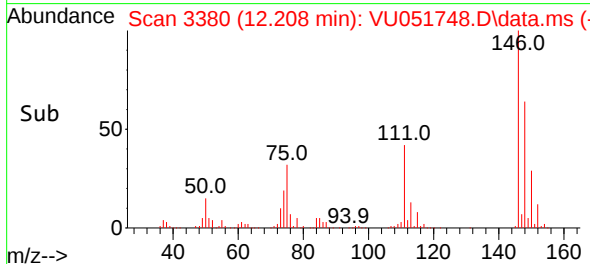
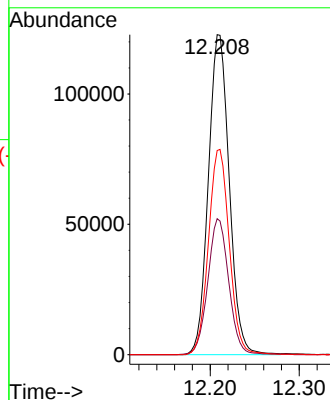
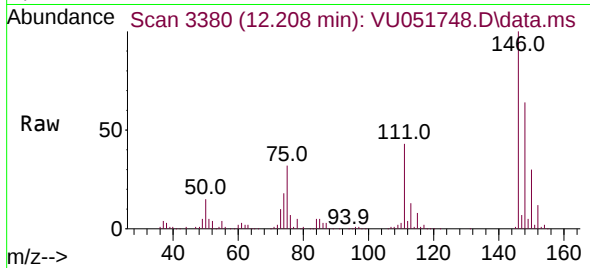




#67
1,2-Dichlorobenzene
Concen: 3.865 ug/L
RT: 12.208 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

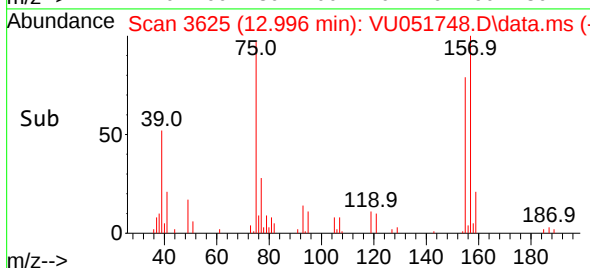
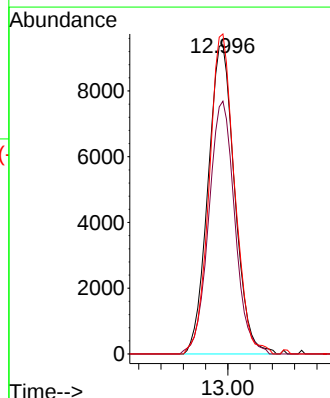
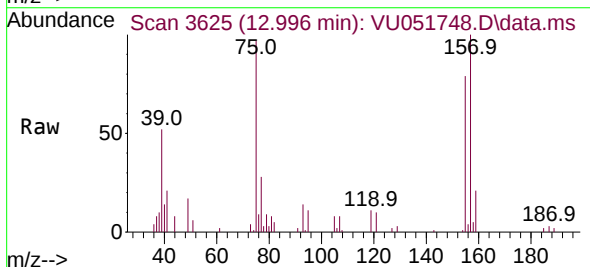
Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

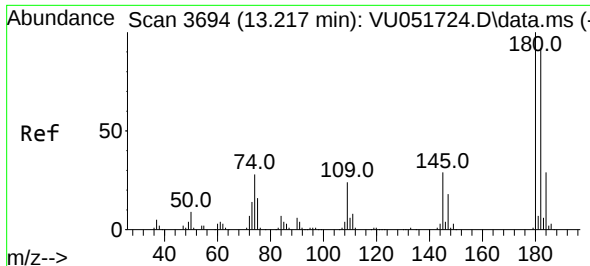
Tgt Ion:146 Resp: 199549
Ion Ratio Lower Upper
146 100
111 42.5 34.2 51.2
148 63.8 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.021 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion: 75 Resp: 15614
Ion Ratio Lower Upper
75 100
155 81.8 61.4 92.2
157 103.5 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 3.860 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD005199

Tgt Ion:180 Resp: 145800

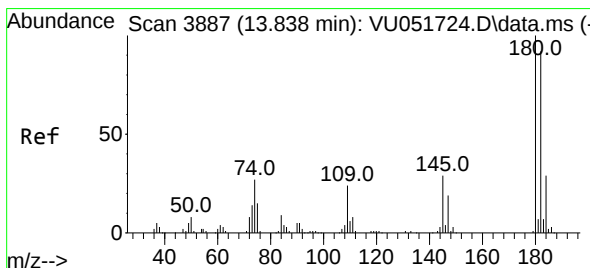
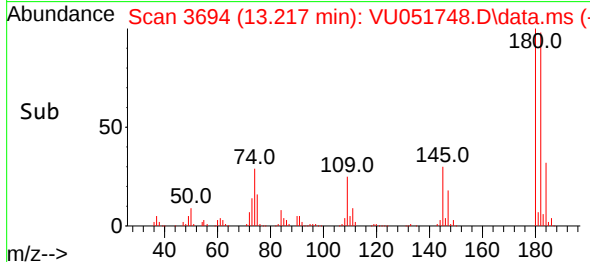
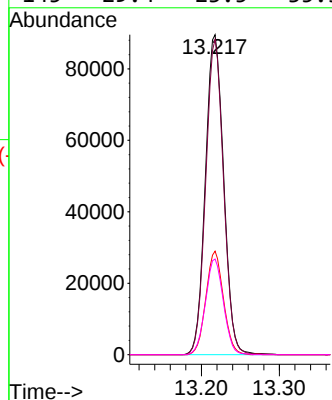
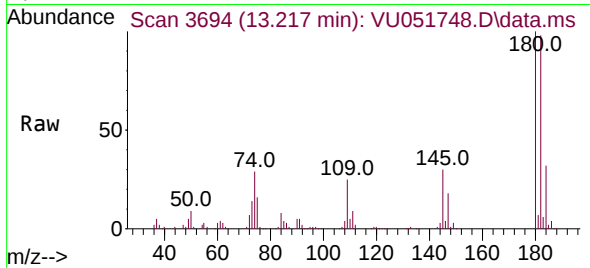
Ion Ratio Lower Upper

180 100

182 96.1 77.0 115.6

184 31.1 23.7 35.5

145 29.4 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.083 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051748.D

Acq: 03 Nov 2022 21:12

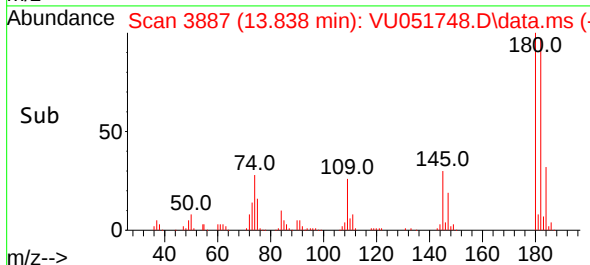
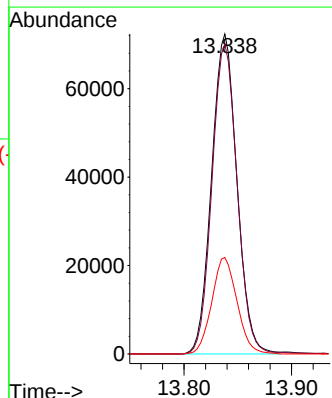
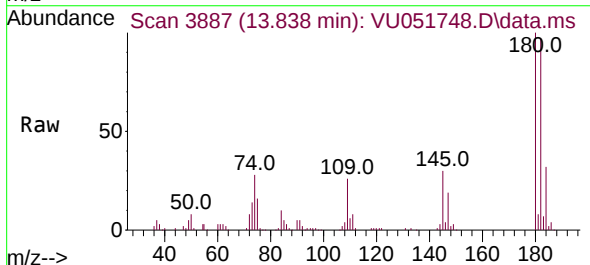
Tgt Ion:180 Resp: 118404

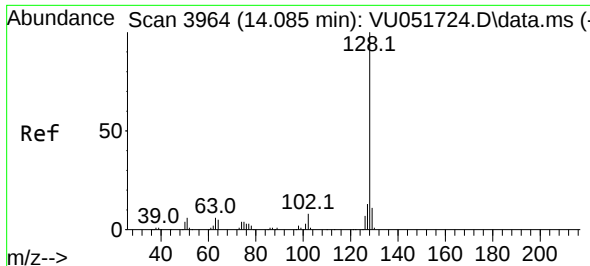
Ion Ratio Lower Upper

180 100

182 96.2 77.8 116.6

145 30.0 25.0 37.6



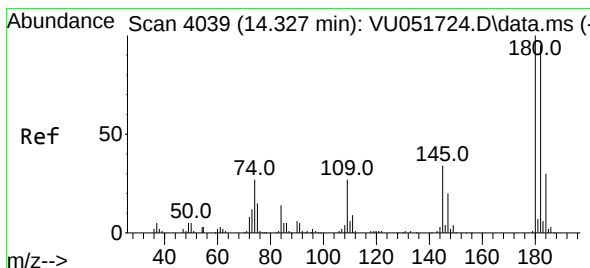
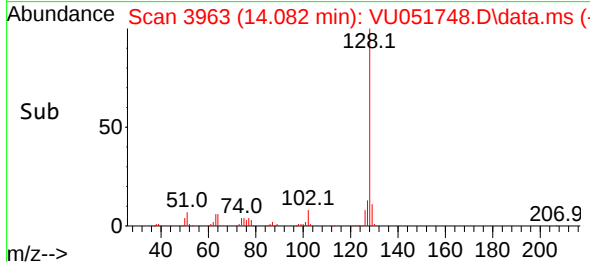
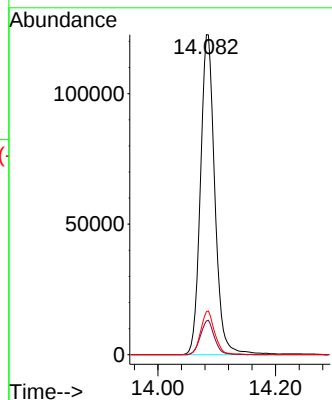
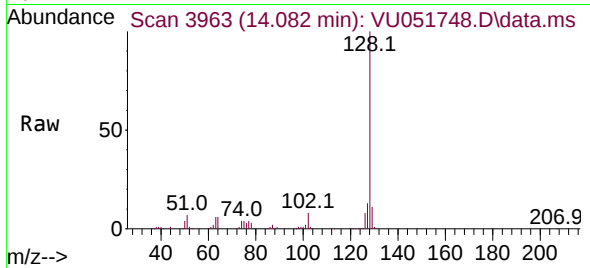


#71
Naphthalene
Concen: 3.837 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD005199

Tgt Ion:128 Resp: 207729

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.4	12.6
127	13.1	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.037 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051748.D
Acq: 03 Nov 2022 21:12

Tgt Ion:180 Resp: 118225

Ion	Ratio	Lower	Upper
180	100		
182	98.1	76.1	114.1
145	31.7	25.6	38.4

