

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051724.D
 Acq On : 03 Nov 2022 10:06
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005198

Quant Time: Nov 04 00:46:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	183203	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	190951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69834	5.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.200%
7) Chloroethane-d5	1.912	69	64112	4.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.565	65	28898	5.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.400%
20) 2-Butanone-d5	4.620	46	185395	37.101	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.200%
24) Chloroform-d	5.063	84	149942	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.700	65	71718	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.726	84	278528	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.690	67	90471	4.294	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.896	98	256012	5.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	8.179	79	31635	4.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.632	63	152248	39.255	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.520%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83699	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	93762	4.717	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	116716	5.825	ug/L	99
3) Chloromethane	1.523	50	113546	4.496	ug/L	100
5) Vinyl chloride	1.604	62	130072	5.376	ug/L	85
6) Bromomethane	1.854	94	41660	3.632	ug/L	94
8) Chloroethane	1.932	64	75800	5.160	ug/L	100
9) Trichlorofluoromethane	2.137	101	156731	5.901	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	96243	6.164	ug/L	98
12) 1,1-Dichloroethene	2.578	96	88099	5.532	ug/L	94
13) Acetone	2.626	43	137502	54.232	ug/L	97
14) Carbon disulfide	2.793	76	271833	5.295	ug/L	100
15) Methyl Acetate	2.951	43	35451	5.341	ug/L	95
16) Methylene chloride	3.044	84	116941	4.483	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	191486	5.243	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	93573	5.474	ug/L	96
19) 1,1-Dichloroethane	3.867	63	175701	5.573	ug/L	99
21) 2-Butanone	4.700	43	224598	56.566	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	101193	5.350	ug/L	97
23) Bromochloromethane	4.973	128	48231	5.454	ug/L	98
25) Chloroform	5.086	83	182291	5.574	ug/L	97

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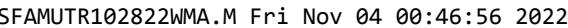
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 ClientSampleId :
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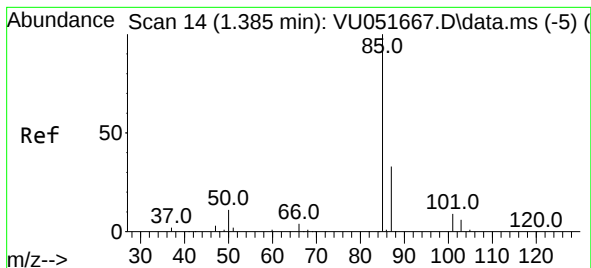
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	108590	5.395	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	143399	5.531	ug/L	99
30) Cyclohexane	5.388	56	128792	5.395	ug/L	99
31) Carbon tetrachloride	5.523	117	125203	5.647	ug/L	99
33) Benzene	5.774	78	405207	5.377	ug/L	100
34) Trichloroethene	6.542	95	97253	5.348	ug/L	98
35) Methylcyclohexane	6.764	83	140261	5.578	ug/L	98
37) 1,2-Dichloropropane	6.790	63	105892	5.463	ug/L	100
38) Bromodichloromethane	7.105	83	129574	5.473	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	131772	5.299	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	534682	55.001	ug/L	100
42) Toluene	7.970	91	430446	5.562	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	115423	5.555	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	78714	5.542	ug/L	97
47) Tetrachloroethene	8.552	164	78224	5.617	ug/L	95
48) 2-Hexanone	8.684	43	400453	55.651	ug/L	99
49) Dibromochloromethane	8.809	129	89985	5.546	ug/L	97
50) 1,2-Dibromoethane	8.922	107	69451	5.420	ug/L	95
51) Chlorobenzene	9.446	112	265541	5.452	ug/L	99
52) Ethylbenzene	9.571	91	405169	5.426	ug/L	100
53) m,p-Xylene	9.693	106	164578	5.674	ug/L	98
54) o-Xylene	10.098	106	155832	5.498	ug/L	97
55) Styrene	10.114	104	276944	5.844	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	99442	5.647	ug/L	99
59) Bromoform	10.288	173	50041	5.000	ug/L	99
60) Isopropylbenzene	10.484	105	406737	5.144	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	67636	4.829	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	101187	4.754	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	295400	4.813	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	208515	5.297	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	206494	5.232	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	197065	5.140	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	14508	5.031	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	149045	5.312	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	116650	5.416	ug/L	96
71) Naphthalene	14.085	128	183356	4.560	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	113354	5.212	ug/L	99

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

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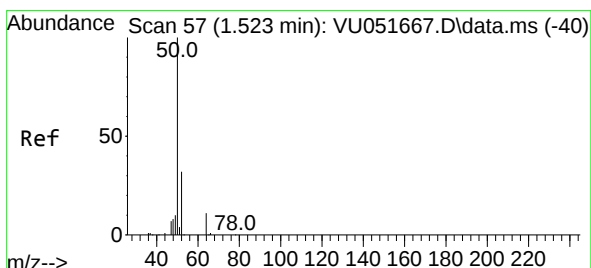
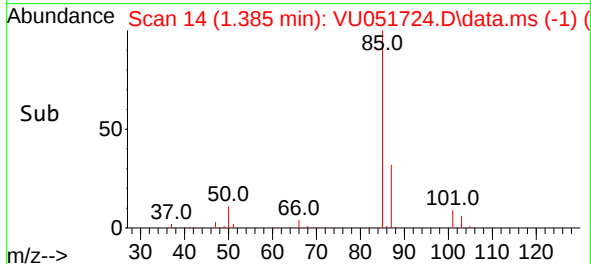
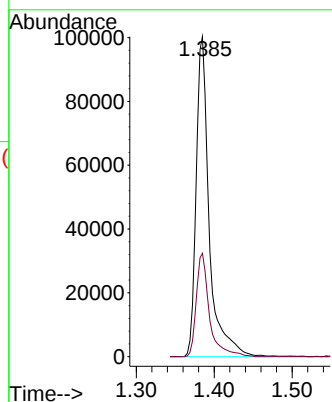
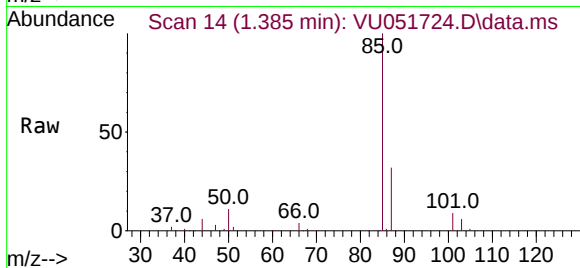




#2
Dichlorodifluoromethane
Concen: 5.825 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

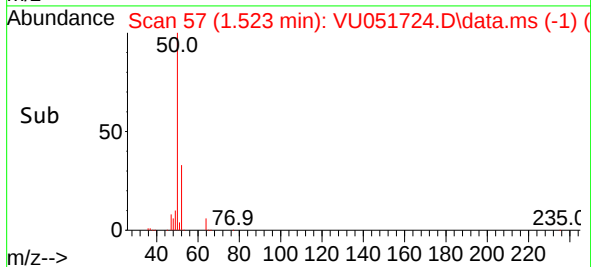
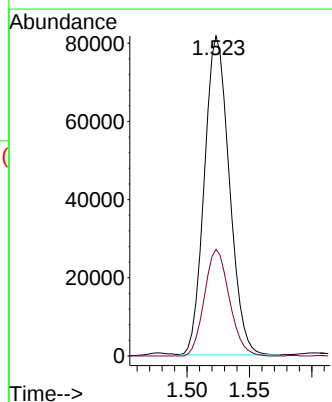
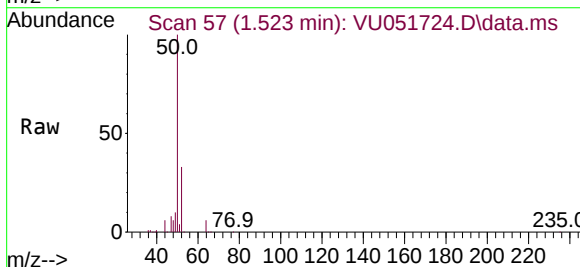
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MSVOA_U
ClientSampleId :
VSTD005198

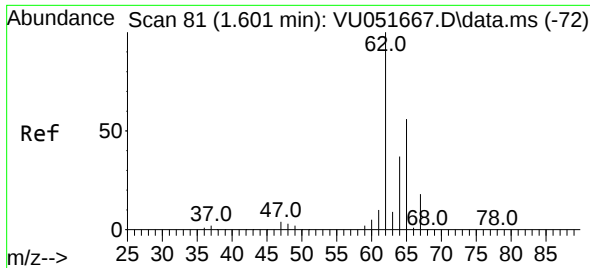
Tgt Ion: 85 Resp: 116716
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 4.496 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion: 50 Resp: 113546
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.2

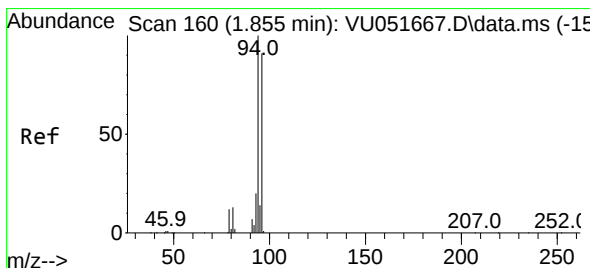
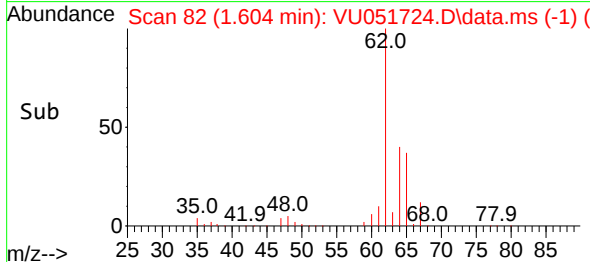
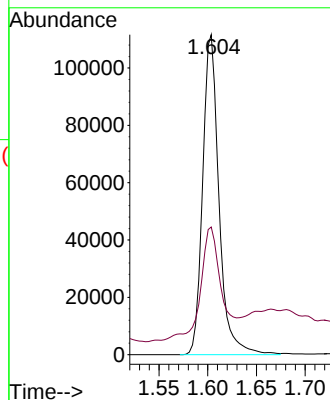
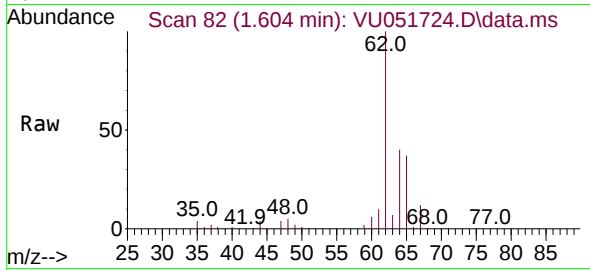




#5
 Vinyl chloride
 Concen: 5.376 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051724.D
 Acq: 03 Nov 2022 10:06

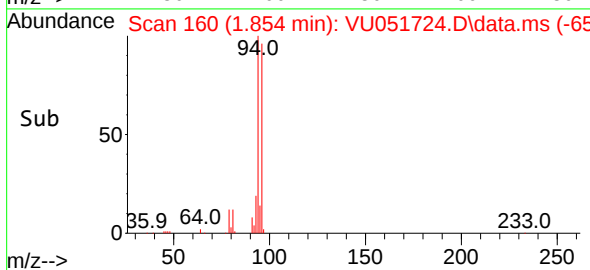
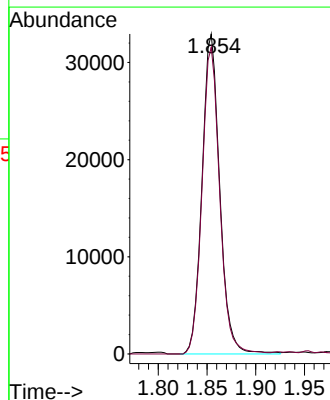
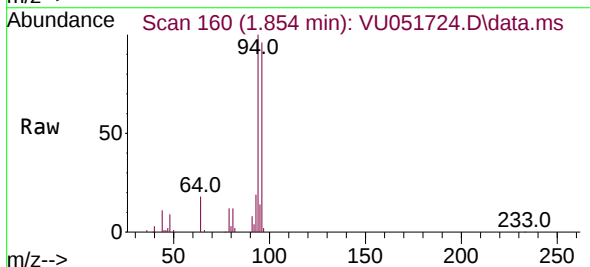
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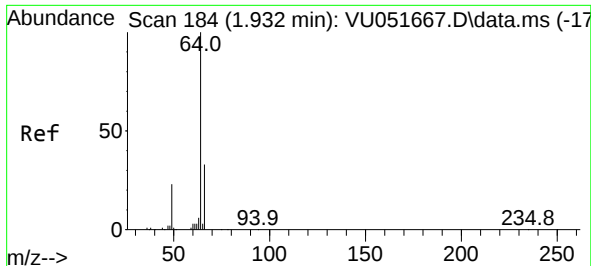
Tgt Ion: 62 Resp: 130072
 Ion Ratio Lower Upper
 62 100
 64 39.9 22.1 41.1



#6
 Bromomethane
 Concen: 3.632 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.006 min
 Lab File: VU051724.D
 Acq: 03 Nov 2022 10:06

Tgt Ion: 94 Resp: 41660
 Ion Ratio Lower Upper
 94 100
 96 95.8 63.2 117.4

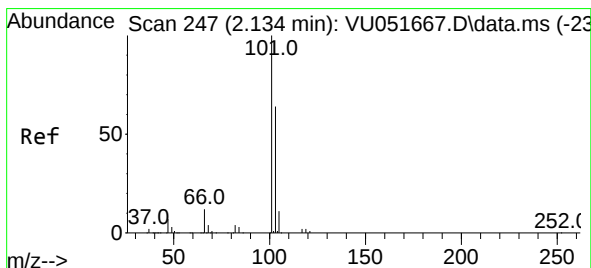
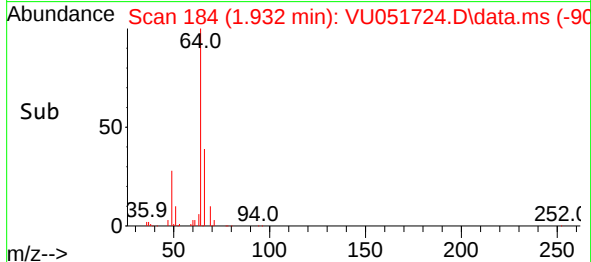
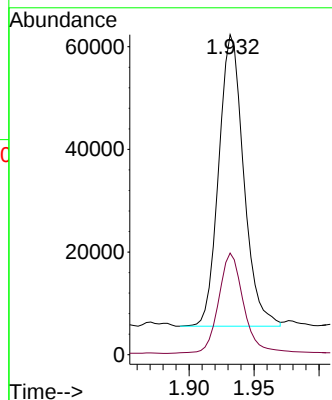
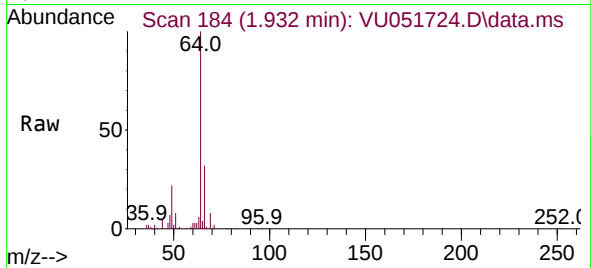




#8
Chloroethane
Concen: 5.160 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

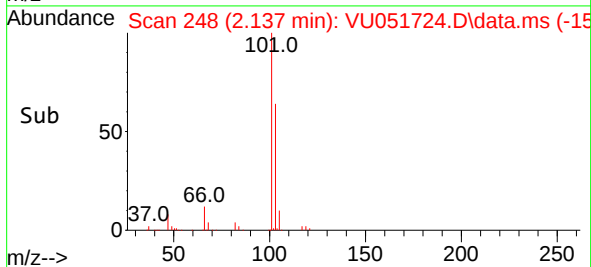
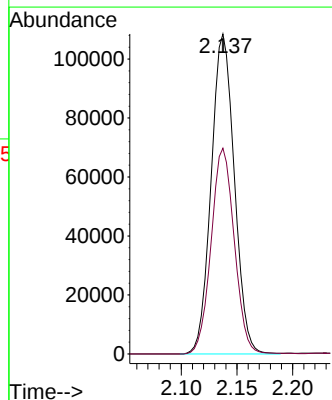
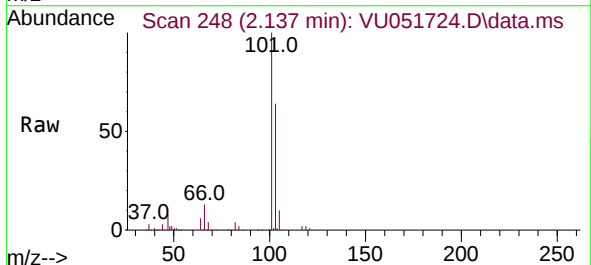
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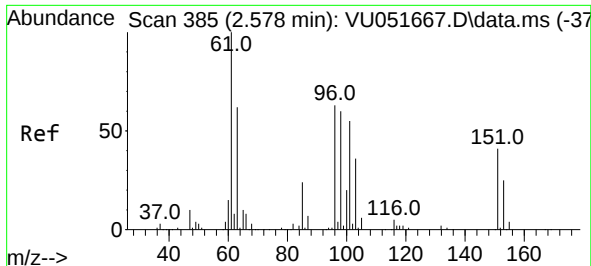
Tgt Ion: 64 Resp: 75800
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.901 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion: 101 Resp: 156731
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.6

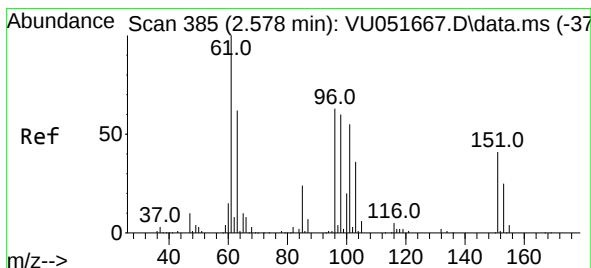
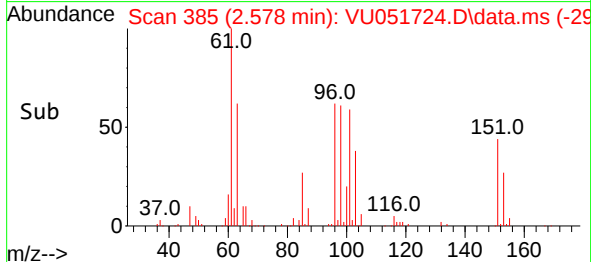
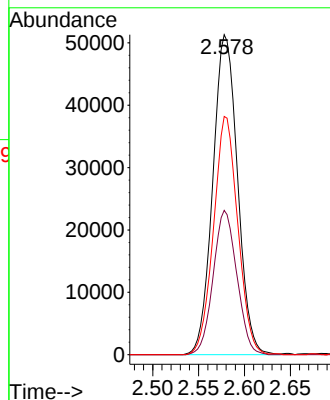
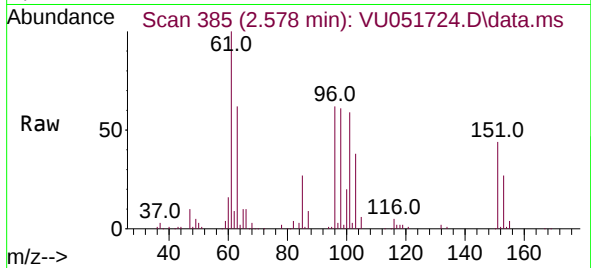




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.164 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051724.D
 Acq: 03 Nov 2022 10:06

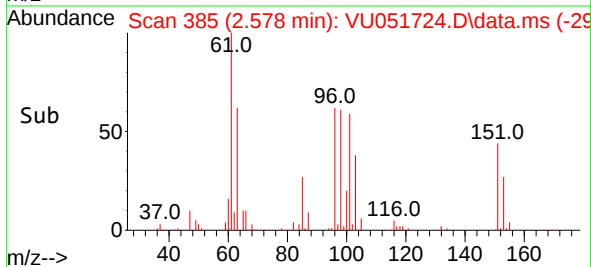
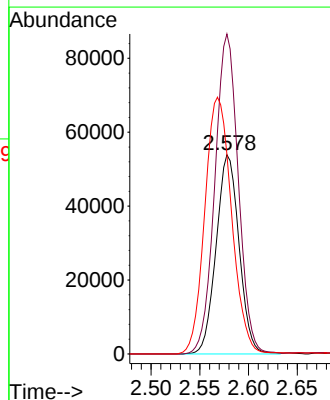
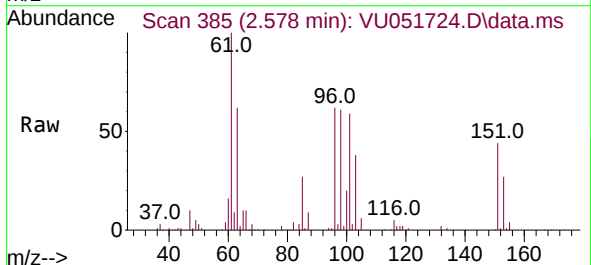
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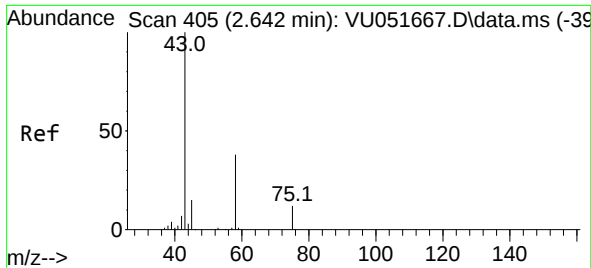
Tgt Ion:101 Resp: 96243
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.6 53.4
 151 72.9 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.532 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051724.D
 Acq: 03 Nov 2022 10:06

Tgt Ion: 96 Resp: 88099
 Ion Ratio Lower Upper
 96 100
 61 160.7 108.8 202.0
 63 100.3 64.9 120.5





#13

Acetone

Concen: 54.232 ug/L

RT: 2.626 min Scan# 405

Delta R.T. 0.003 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

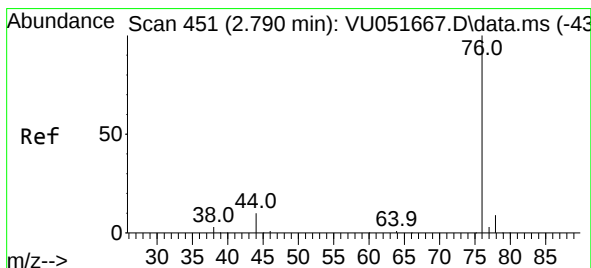
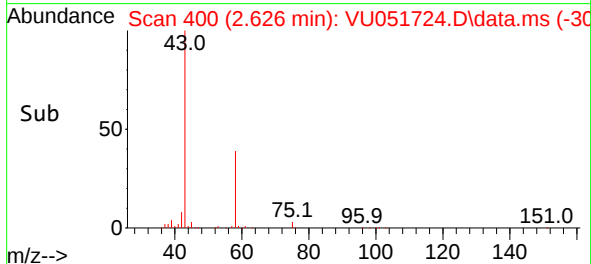
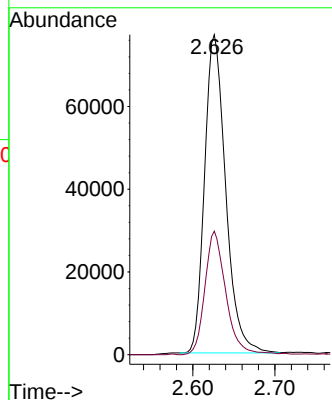
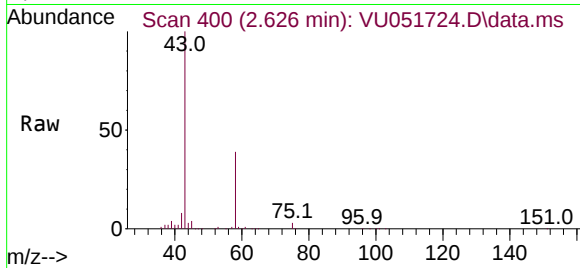
VSTD005198

Tgt Ion: 43 Resp: 137502

Ion Ratio Lower Upper

43 100

58 38.5 0.0 73.8



#14

Carbon disulfide

Concen: 5.295 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051724.D

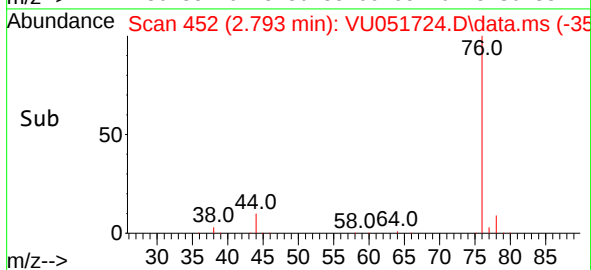
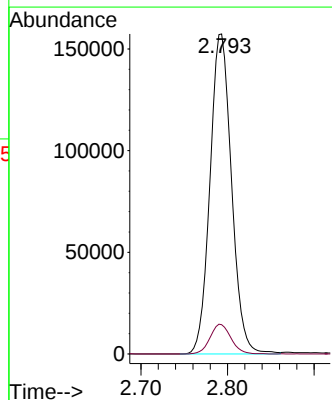
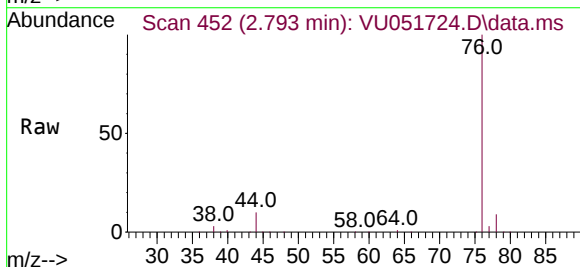
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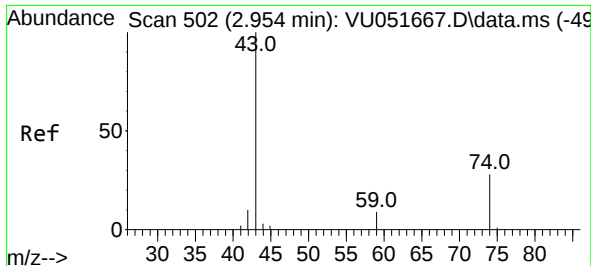
Tgt Ion: 76 Resp: 271833

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

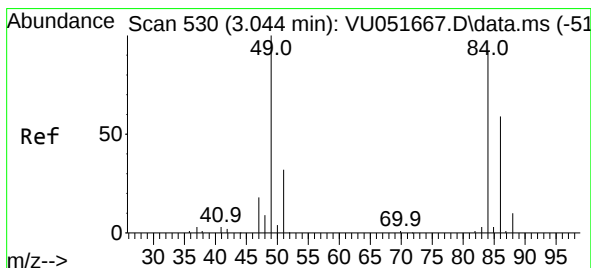
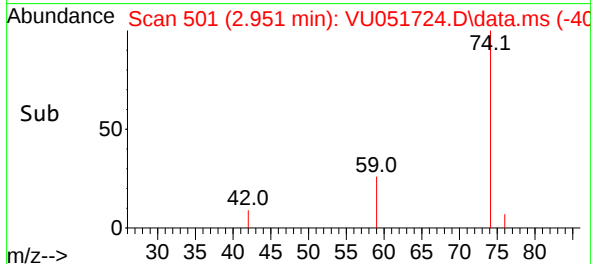
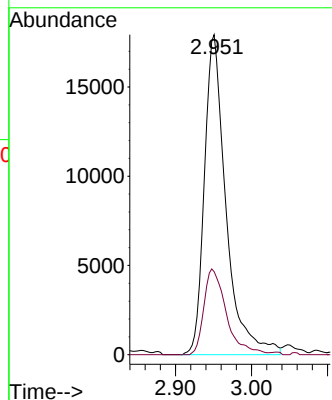
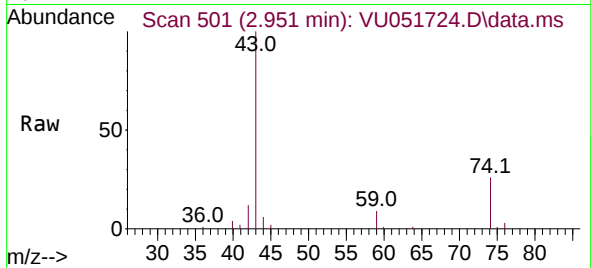




#15
Methyl Acetate
Concen: 5.341 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.006 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

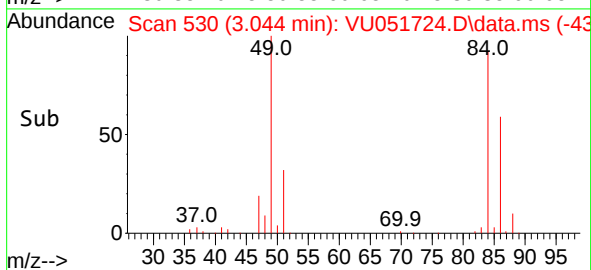
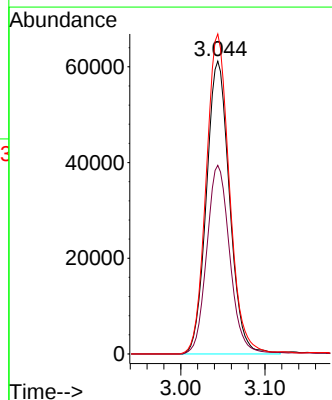
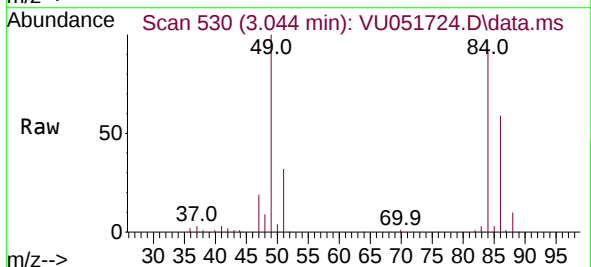
Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

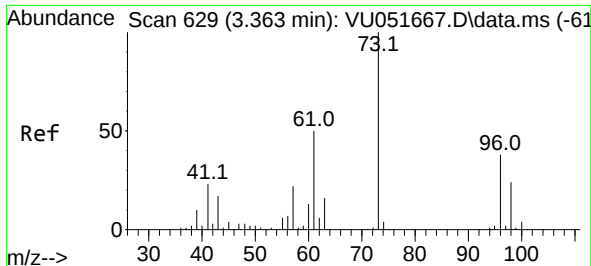
Tgt Ion: 43 Resp: 35451
Ion Ratio Lower Upper
43 100
74 27.8 20.2 30.4



#16
Methylene chloride
Concen: 4.483 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion: 84 Resp: 116941
Ion Ratio Lower Upper
84 100
86 64.4 46.3 85.9
49 109.3 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.243 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005198

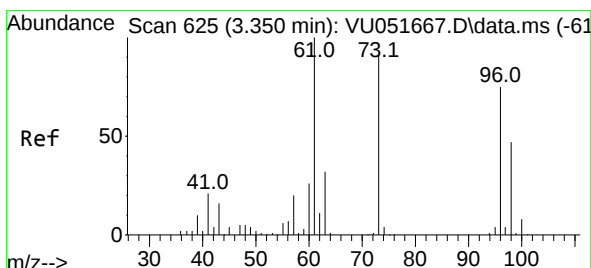
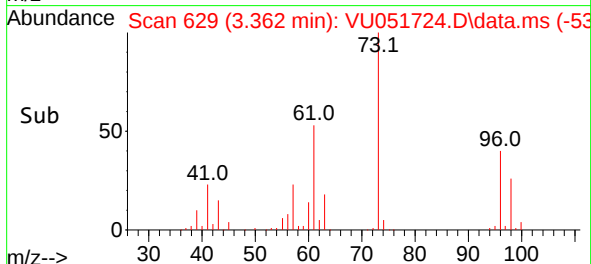
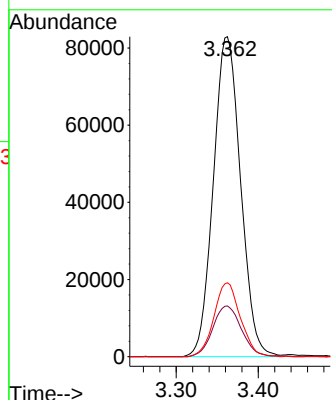
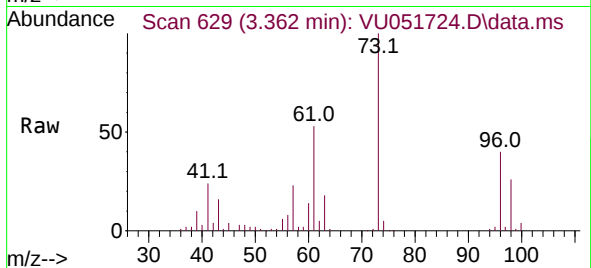
Tgt Ion: 73 Resp: 191486

Ion Ratio Lower Upper

73 100

43 16.8 13.6 20.4

57 22.4 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 5.474 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

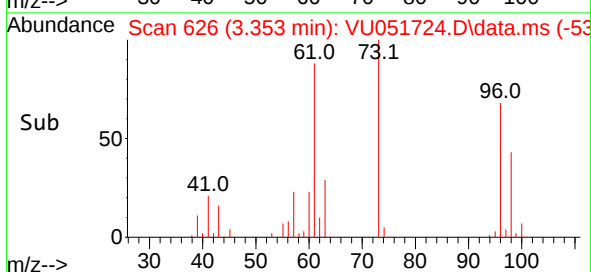
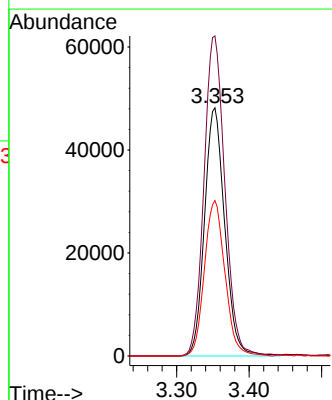
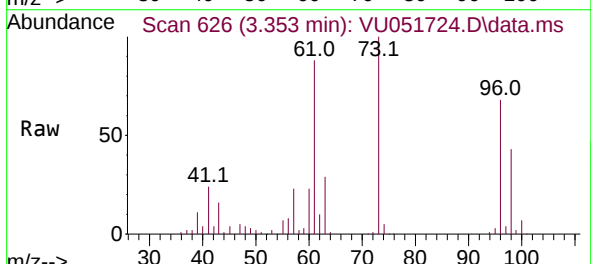
Tgt Ion: 96 Resp: 93573

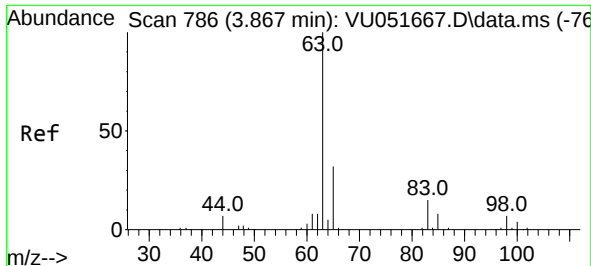
Ion Ratio Lower Upper

96 100

61 129.0 94.7 175.9

98 62.6 44.2 82.0

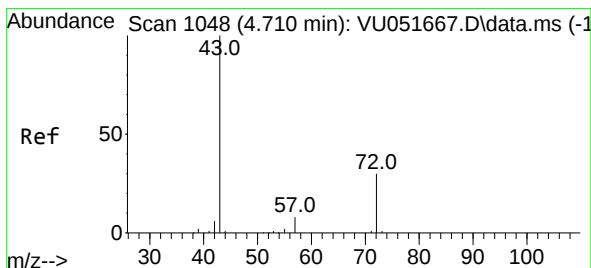
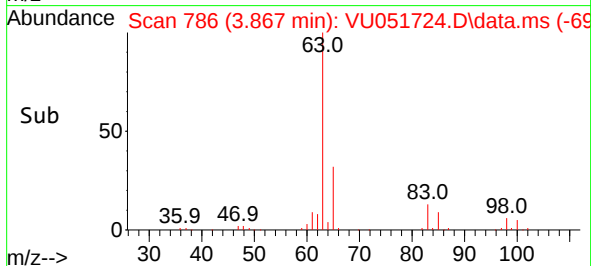
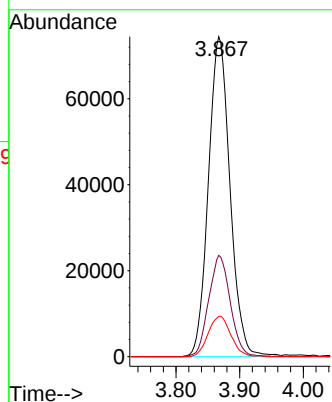
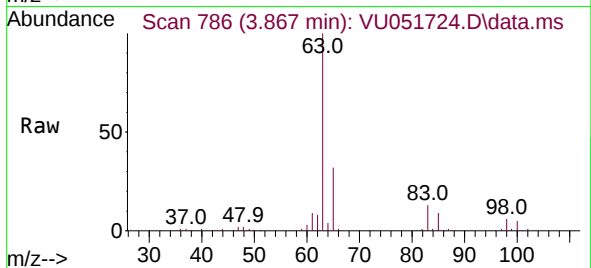




#19
1,1-Dichloroethane
Concen: 5.573 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

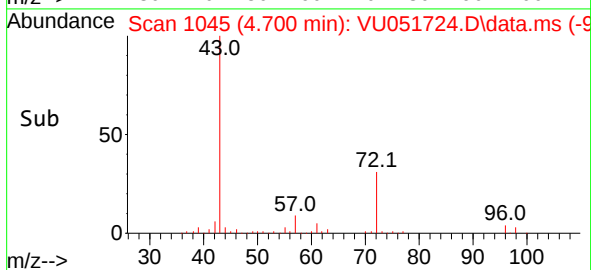
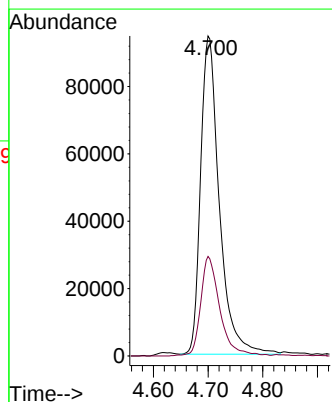
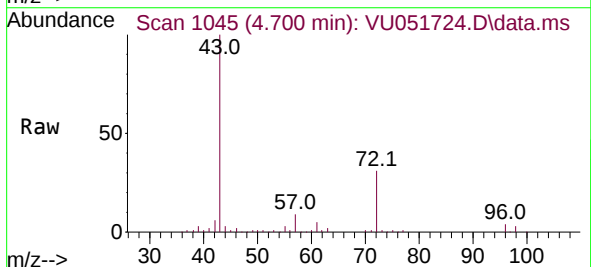
Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

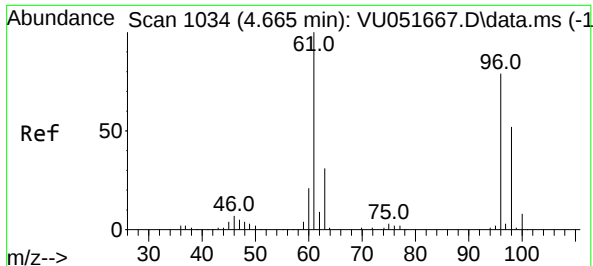
Tgt Ion: 63 Resp: 175701
Ion Ratio Lower Upper
63 100
65 31.6 22.7 42.1
83 12.6 9.2 17.0



#21
2-Butanone
Concen: 56.566 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. -0.000 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion: 43 Resp: 224598
Ion Ratio Lower Upper
43 100
72 31.8 16.2 48.5

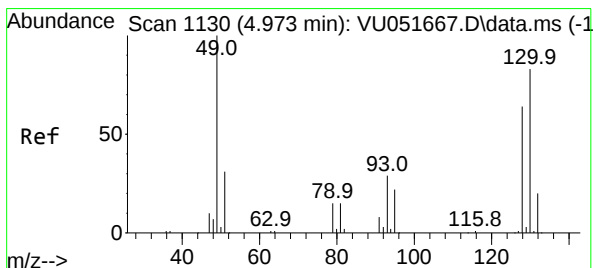
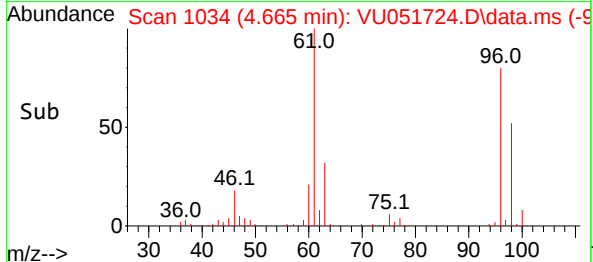
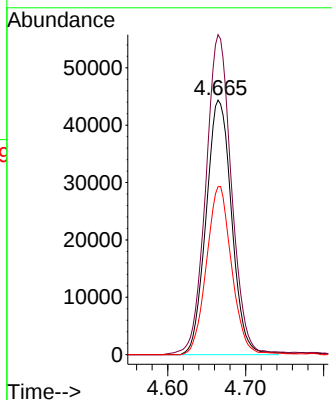
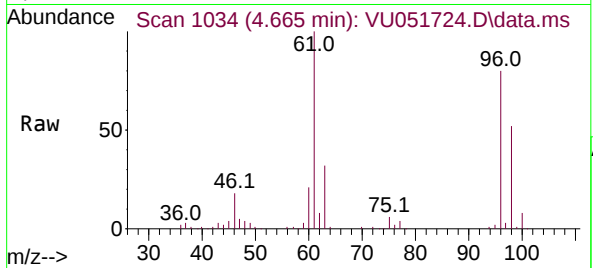




#22
 cis-1,2-Dichloroethene
 Concen: 5.350 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051724.D
 Acq: 03 Nov 2022 10:06

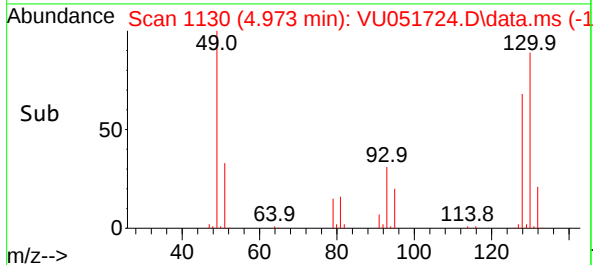
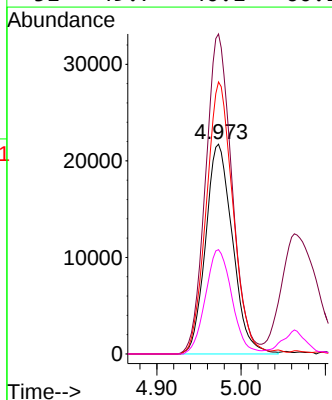
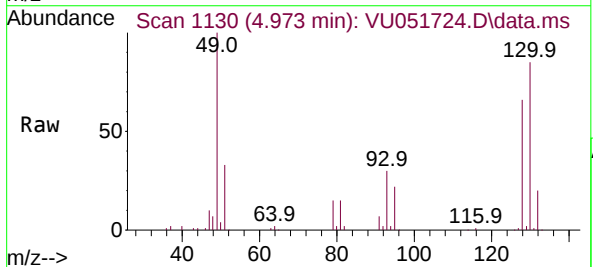
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005198

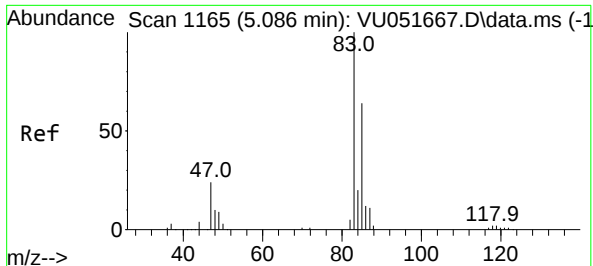
Tgt Ion: 96 Resp: 101193
 Ion Ratio Lower Upper
 96 100
 61 125.7 86.4 160.4
 98 66.0 44.2 82.2



#23
 Bromochloromethane
 Concen: 5.454 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU051724.D
 Acq: 03 Nov 2022 10:06

Tgt Ion: 128 Resp: 48231
 Ion Ratio Lower Upper
 128 100
 49 152.6 105.5 195.9
 130 129.7 93.5 173.7
 51 49.7 40.1 60.1





#25

Chloroform

Concen: 5.574 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

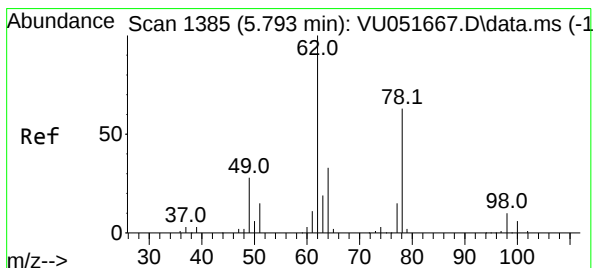
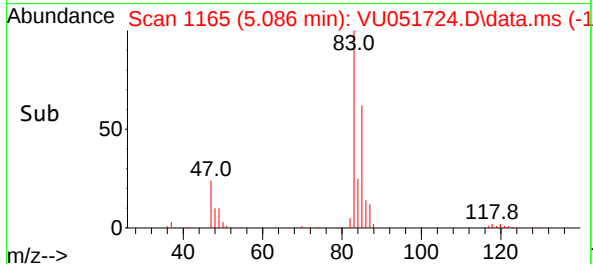
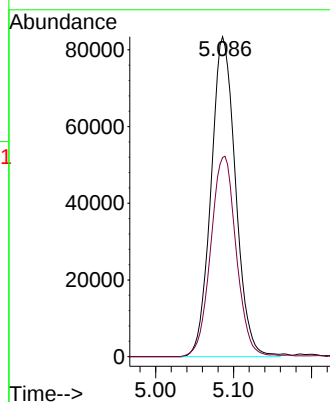
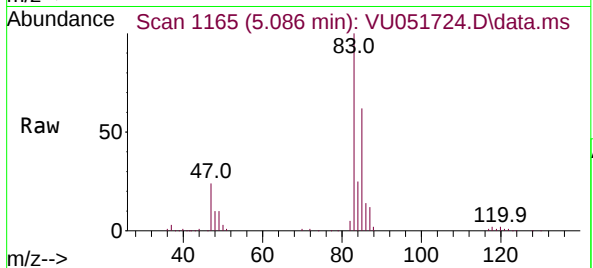
VSTD005198

Tgt Ion: 83 Resp: 182291

Ion Ratio Lower Upper

83 100

85 62.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.395 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051724.D

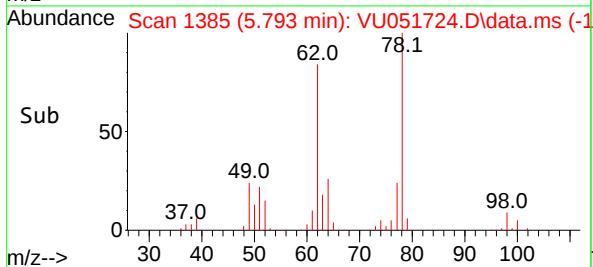
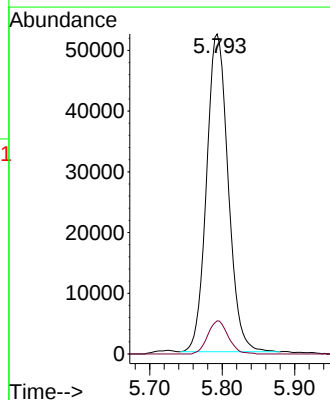
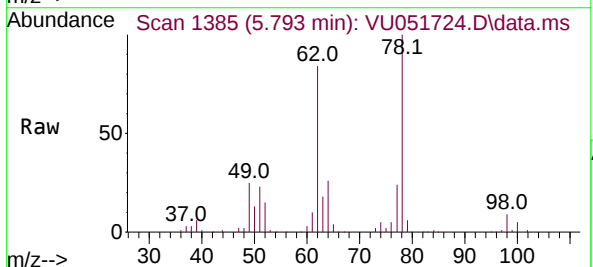
Acq: 03 Nov 2022 10:06

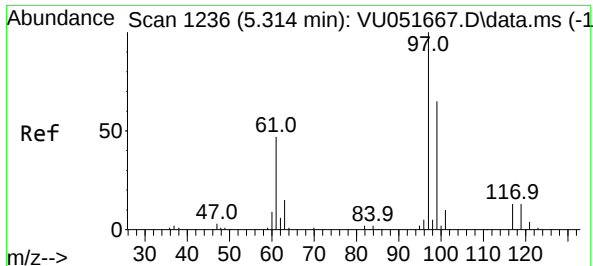
Tgt Ion: 62 Resp: 108590

Ion Ratio Lower Upper

62 100

98 10.4 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.531 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005198

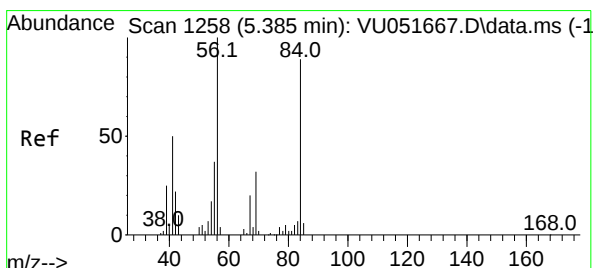
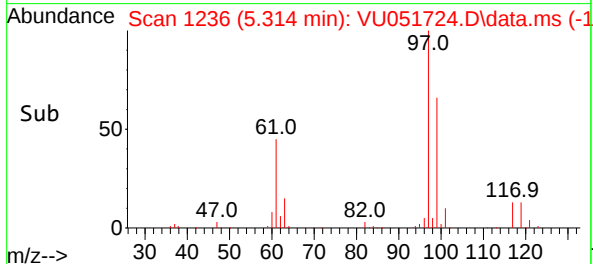
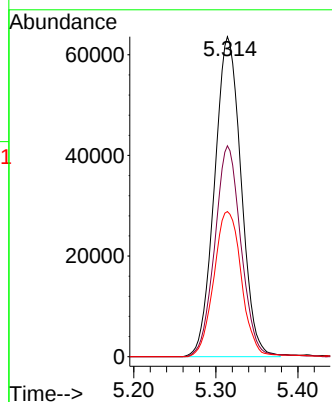
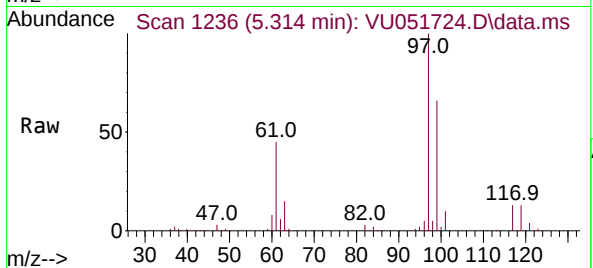
Tgt Ion: 97 Resp: 143399

Ion Ratio Lower Upper

97 100

99 65.1 51.1 76.7

61 47.0 37.4 56.0



#30

Cyclohexane

Concen: 5.395 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

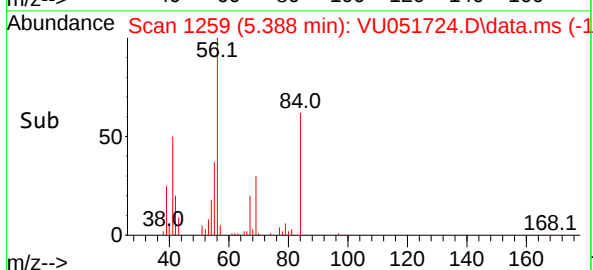
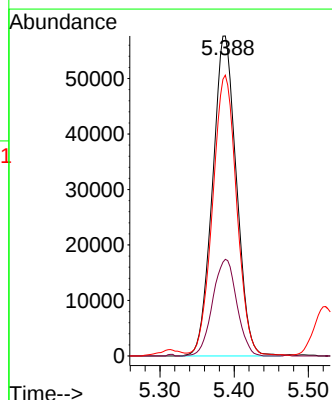
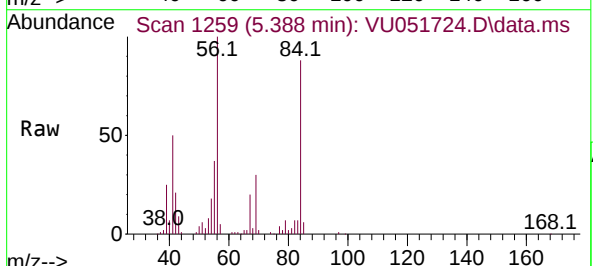
Tgt Ion: 56 Resp: 128792

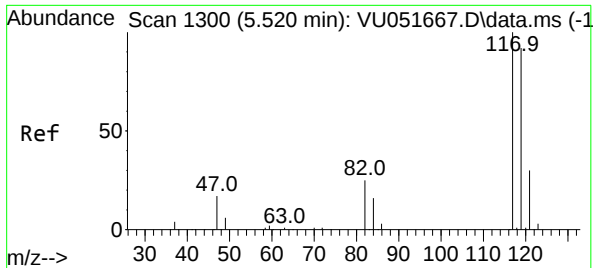
Ion Ratio Lower Upper

56 100

69 30.6 25.4 38.0

84 88.7 71.4 107.0

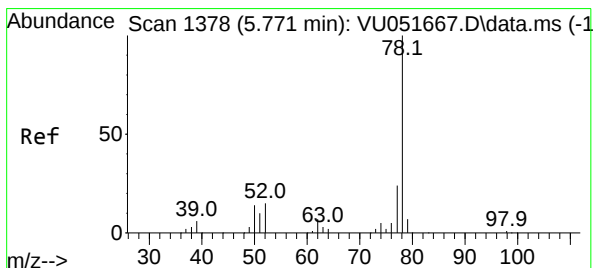
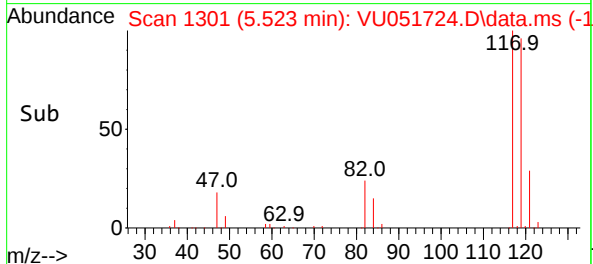
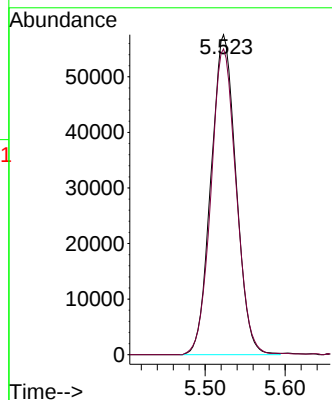
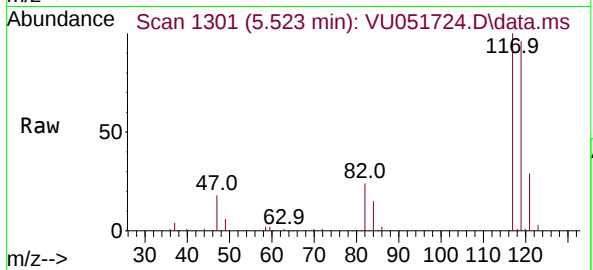




#31
Carbon tetrachloride
Concen: 5.647 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

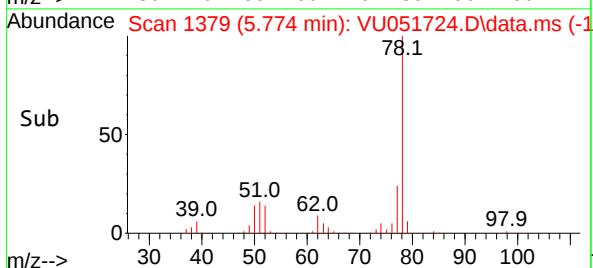
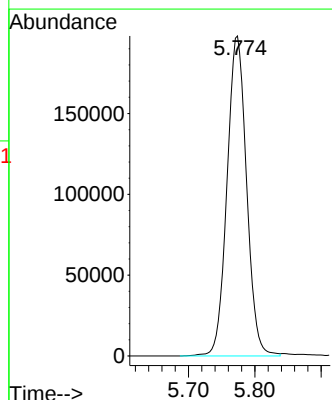
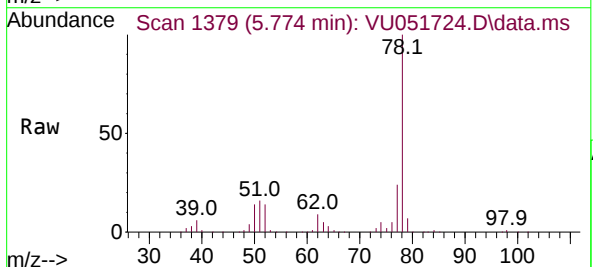
Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

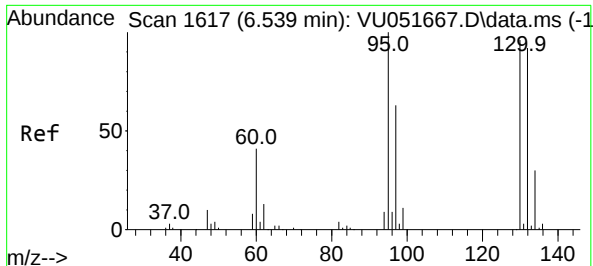
Tgt Ion:117 Resp: 125203
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 5.377 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion: 78 Resp: 405207

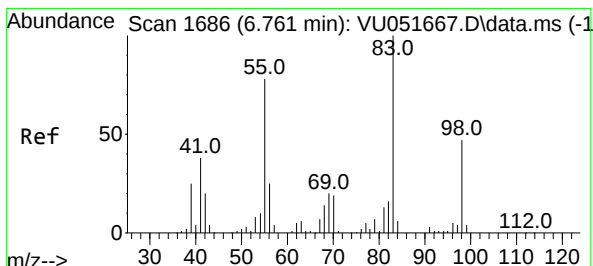
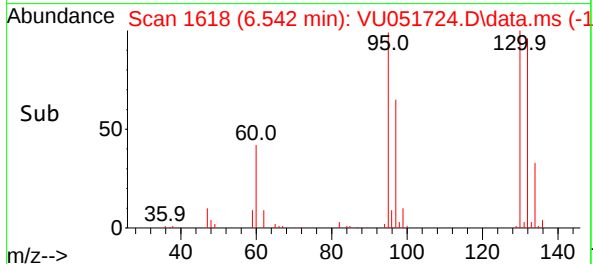
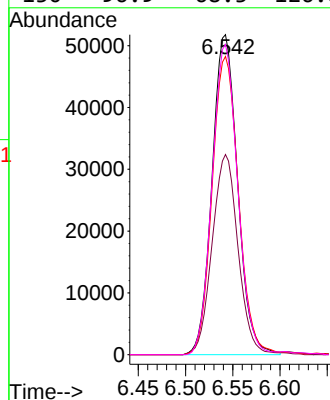
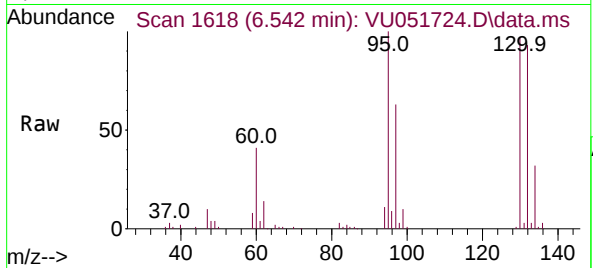




#34
Trichloroethene
Concen: 5.348 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

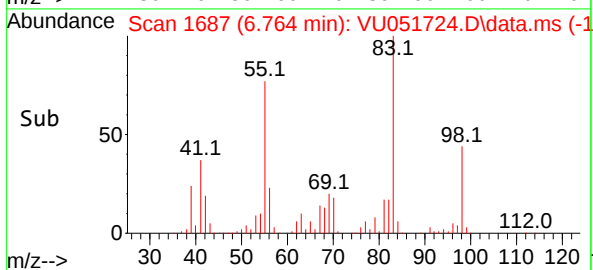
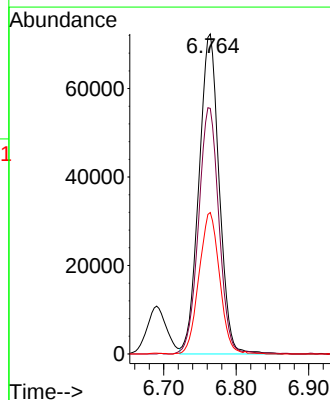
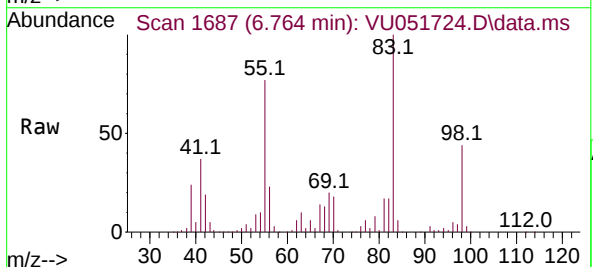
Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

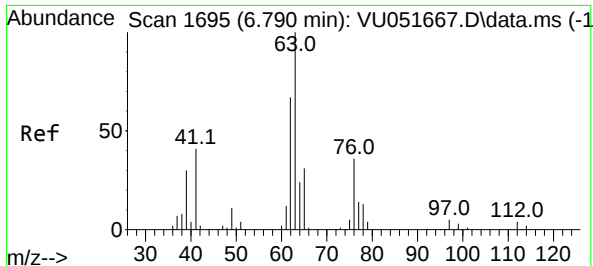
Tgt Ion: 95 Resp: 97253
Ion Ratio Lower Upper
95 100
97 62.6 45.2 84.0
132 93.2 66.5 123.5
130 96.9 68.3 126.8



#35
Methylcyclohexane
Concen: 5.578 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion: 83 Resp: 140261
Ion Ratio Lower Upper
83 100
55 77.8 60.6 90.8
98 45.1 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.463 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

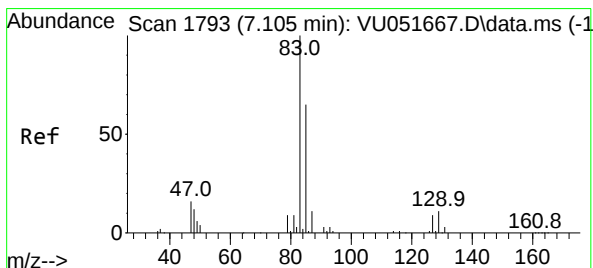
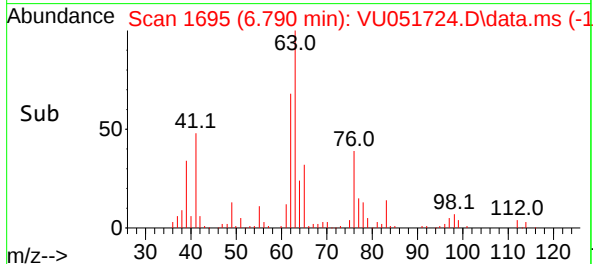
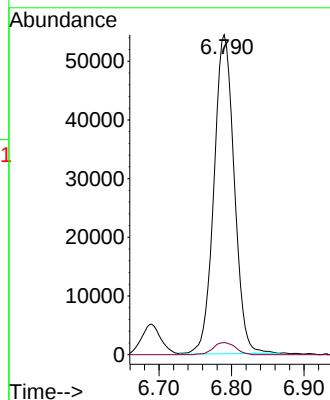
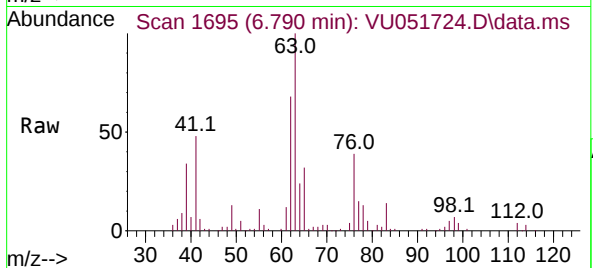
VSTD005198

Tgt Ion: 63 Resp: 105892

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 5.473 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.003 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

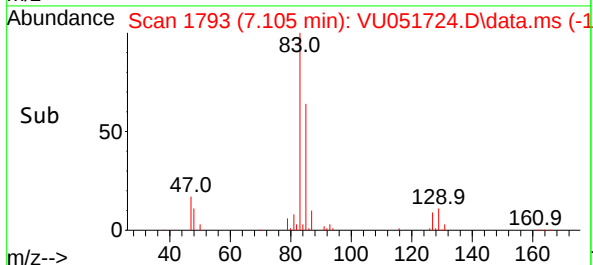
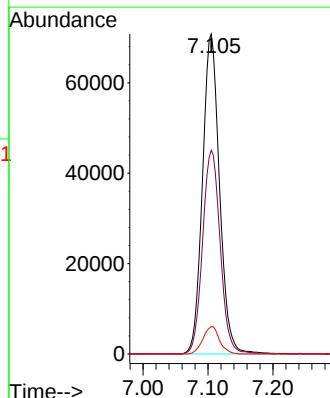
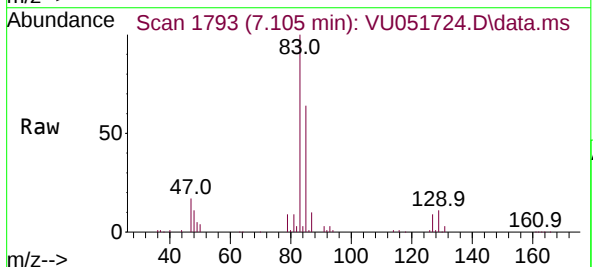
Tgt Ion: 83 Resp: 129574

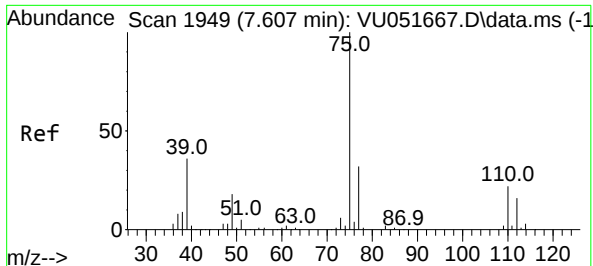
Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.7

127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.299 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

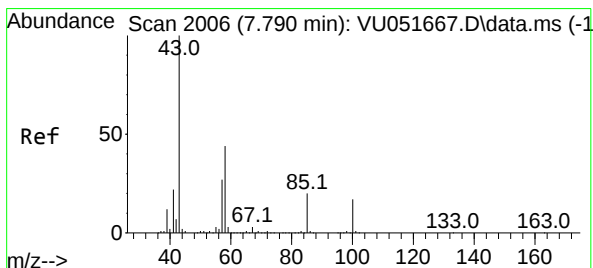
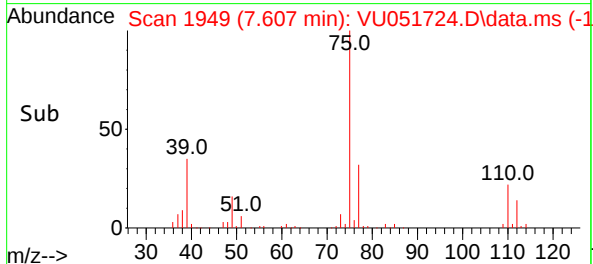
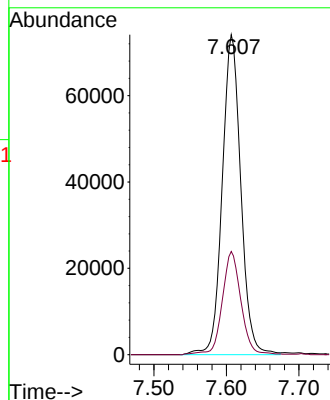
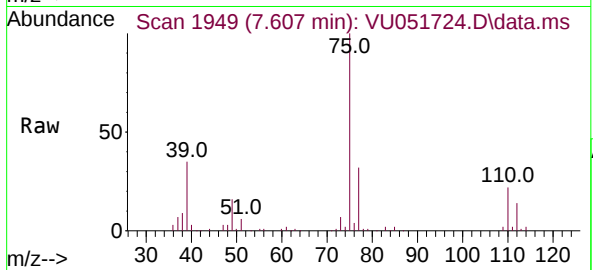
VSTD005198

Tgt Ion: 75 Resp: 131772

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.001 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

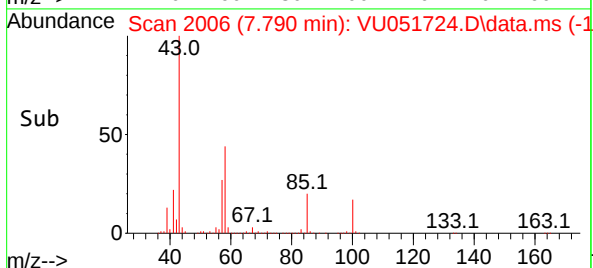
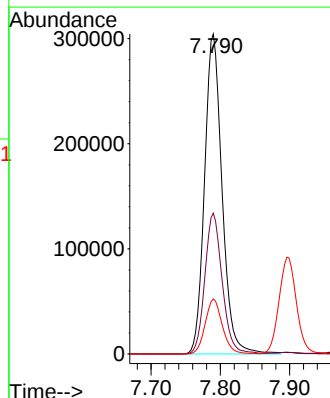
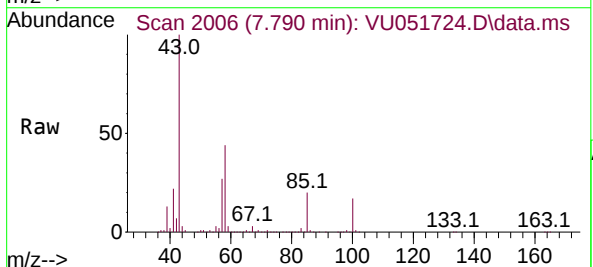
Tgt Ion: 43 Resp: 534682

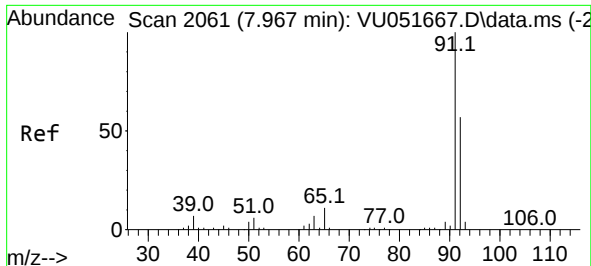
Ion Ratio Lower Upper

43 100

58 43.5 35.0 52.6

100 16.8 13.4 20.0





#42

Toluene

Concen: 5.562 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

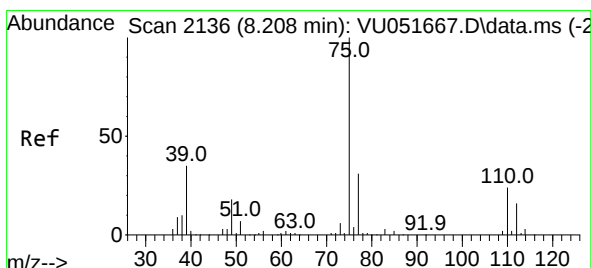
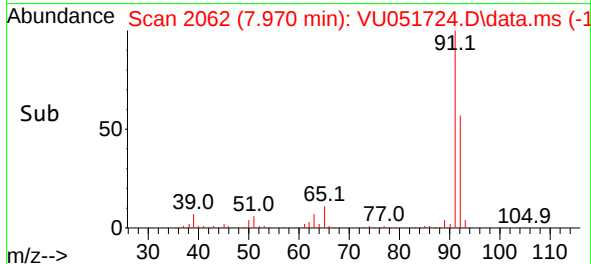
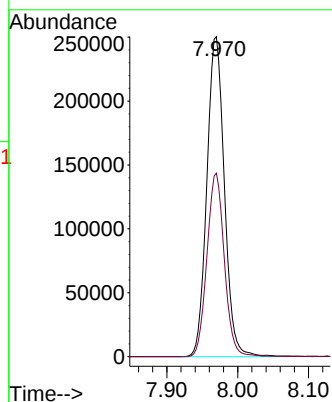
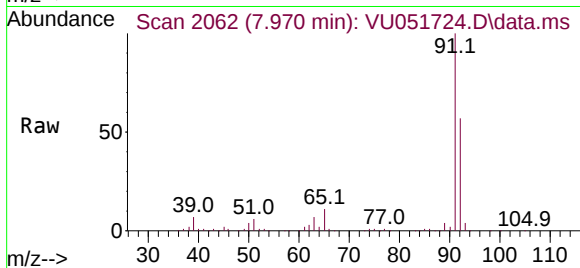
VSTD005198

Tgt Ion: 91 Resp: 430446

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.555 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051724.D

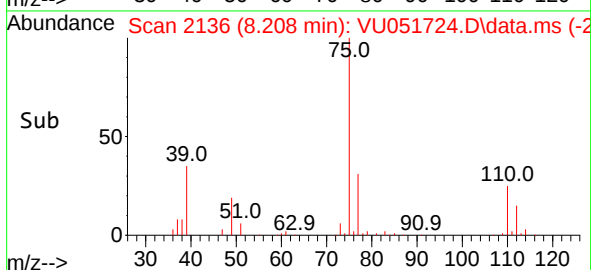
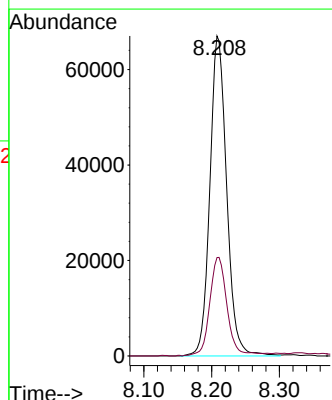
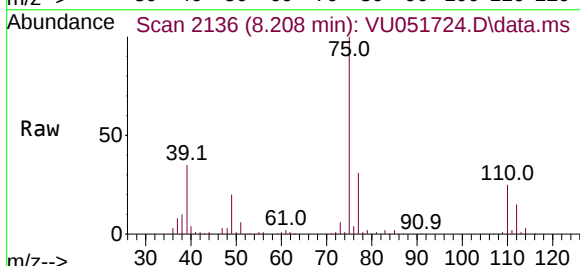
Acq: 03 Nov 2022 10:06

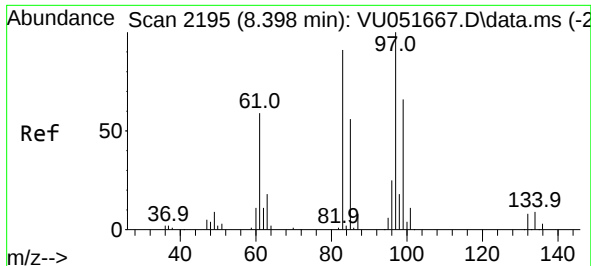
Tgt Ion: 75 Resp: 115423

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6



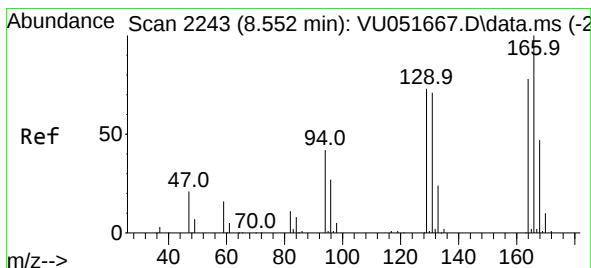
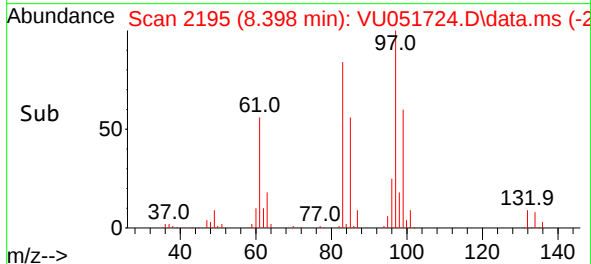
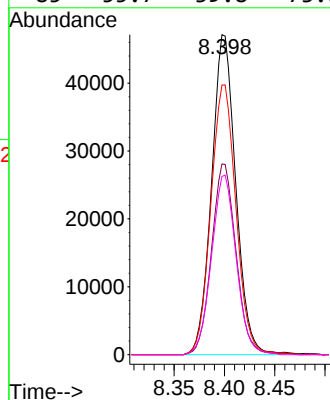
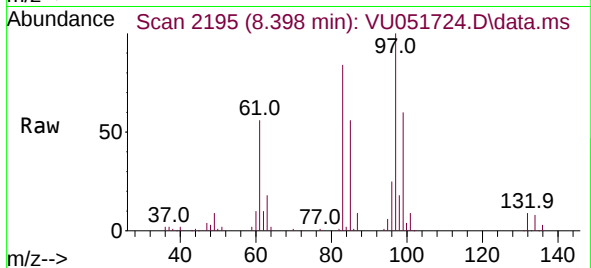


#45
1,1,2-Trichloroethane
Concen: 5.542 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

Tgt Ion: 97 Resp: 78714

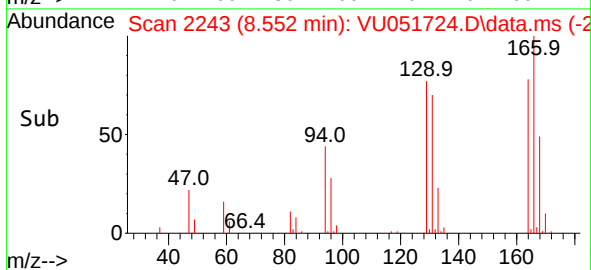
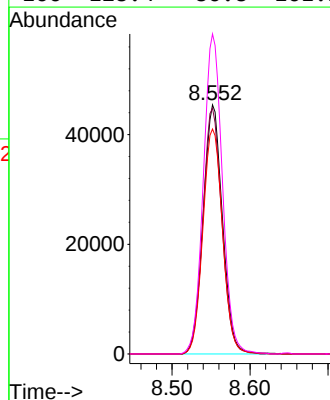
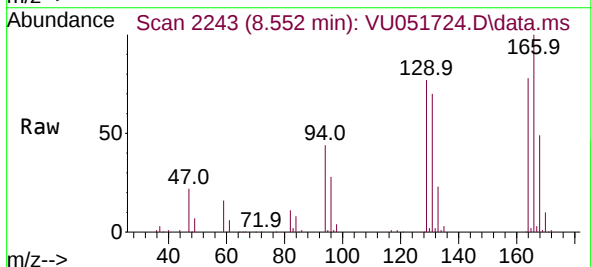
Ion	Ratio	Lower	Upper
97	100		
99	59.6	43.4	80.6
83	84.3	61.3	113.9
85	55.7	39.8	73.8

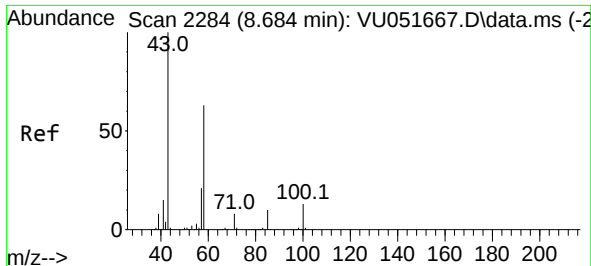


#47
Tetrachloroethene
Concen: 5.617 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion: 164 Resp: 78224

Ion	Ratio	Lower	Upper
164	100		
129	98.6	64.0	118.8
131	90.3	60.7	112.7
166	128.4	86.8	161.2

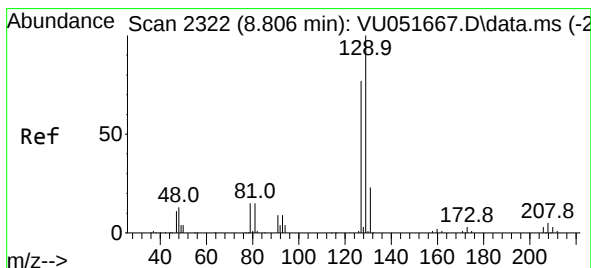
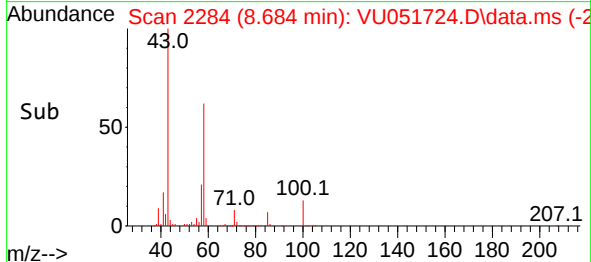
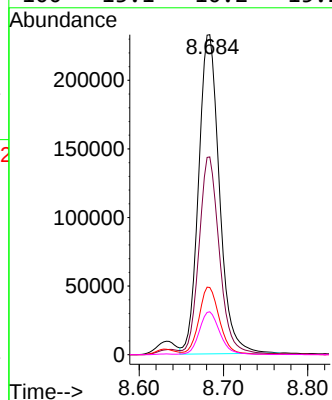
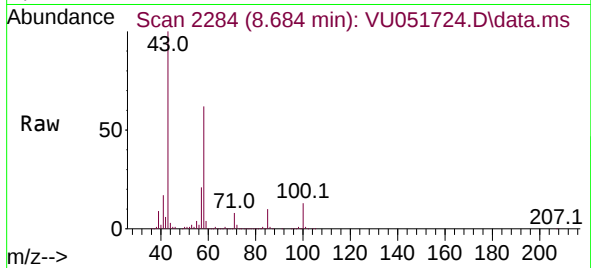




#48
2-Hexanone
Concen: 55.651 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

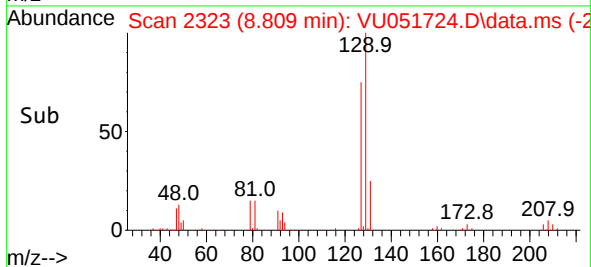
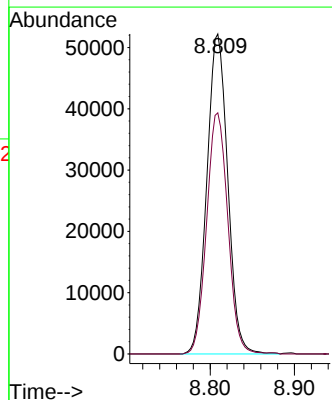
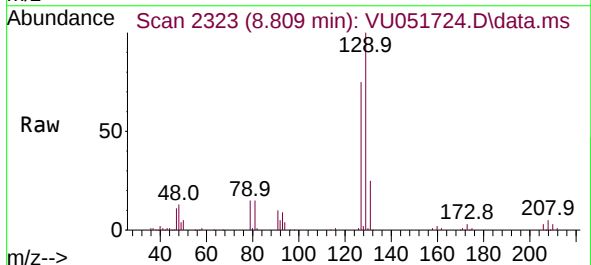
Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

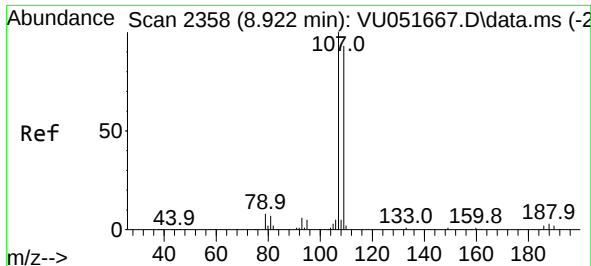
Tgt Ion: 43 Resp: 400453
Ion Ratio Lower Upper
43 100
58 60.9 48.2 72.2
57 20.9 16.6 25.0
100 13.1 10.2 15.2



#49
Dibromochloromethane
Concen: 5.546 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion: 129 Resp: 89985
Ion Ratio Lower Upper
129 100
127 75.4 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.420 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005198

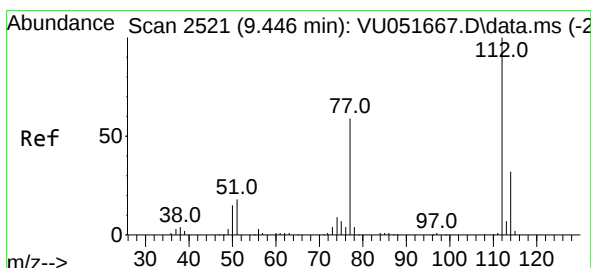
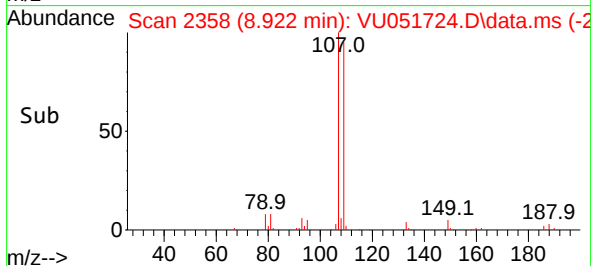
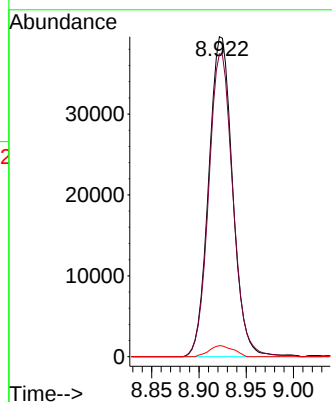
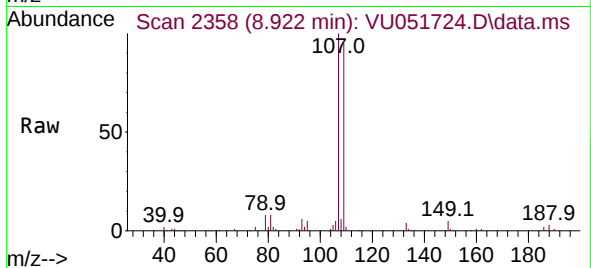
Tgt Ion:107 Resp: 69451

Ion Ratio Lower Upper

107 100

109 94.7 63.0 117.0

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 5.452 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

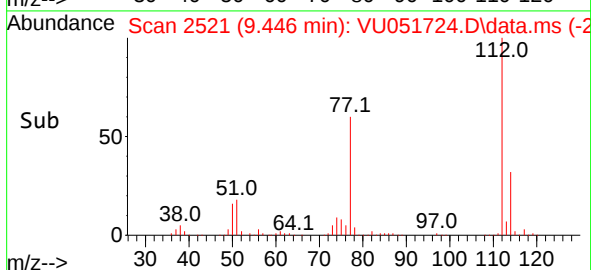
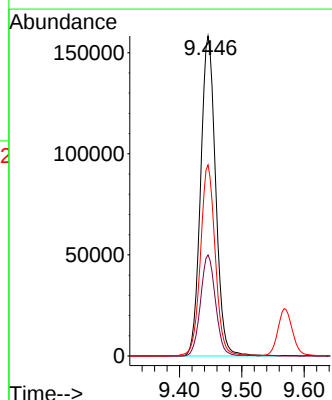
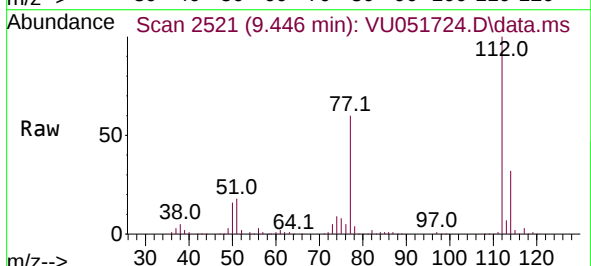
Tgt Ion:112 Resp: 265541

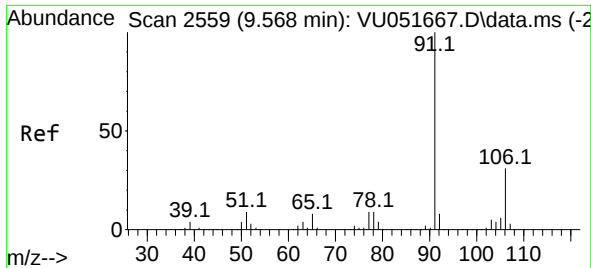
Ion Ratio Lower Upper

112 100

114 31.5 22.0 40.8

77 59.7 46.7 70.1

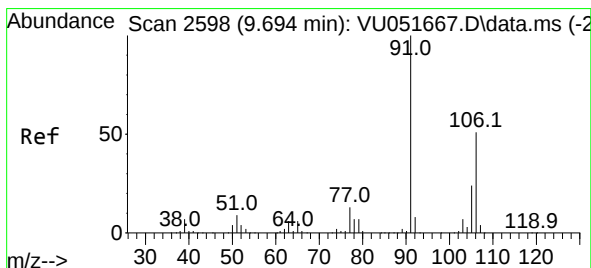
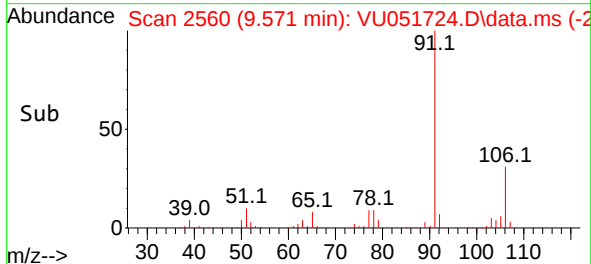
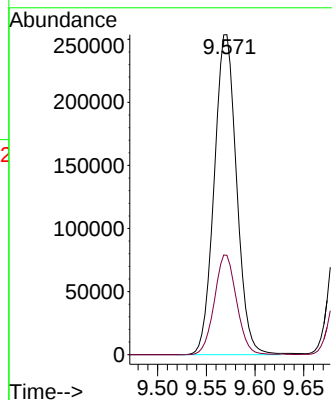
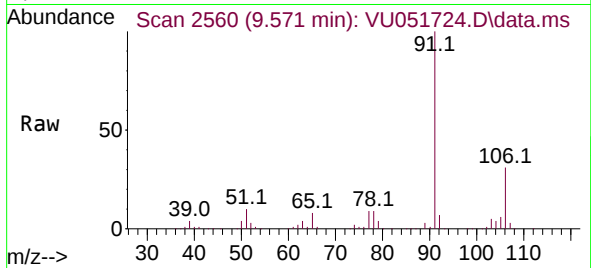




#52
Ethylbenzene
Concen: 5.426 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

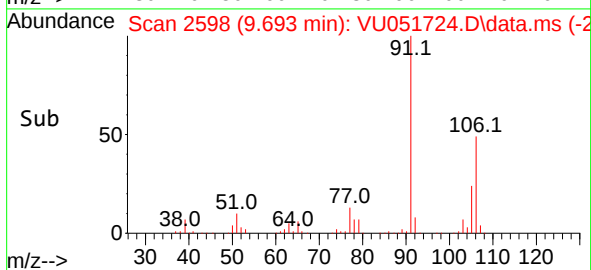
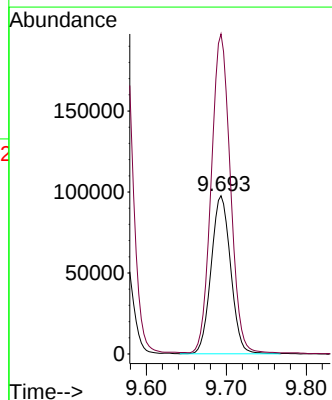
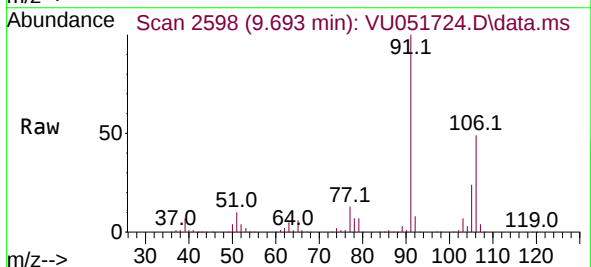
Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

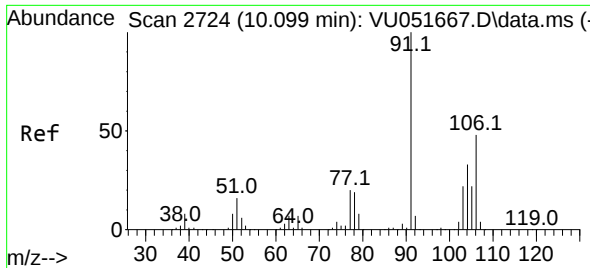
Tgt Ion: 91 Resp: 405169
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.6



#53
m,p-Xylene
Concen: 5.674 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion: 106 Resp: 164578
Ion Ratio Lower Upper
106 100
91 202.2 139.4 259.0

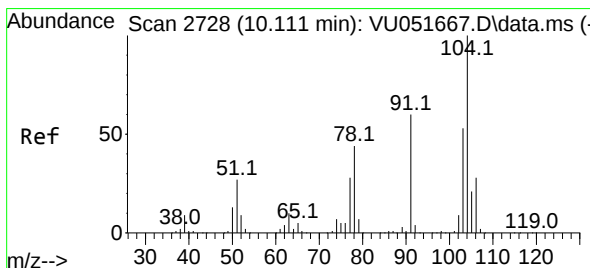
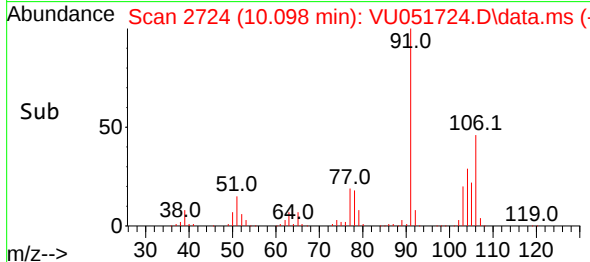
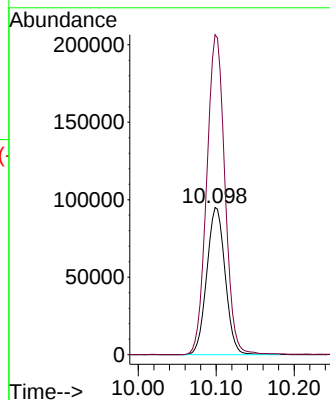
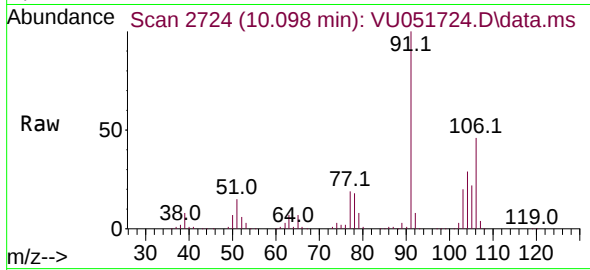




#54
o-Xylene
Concen: 5.498 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

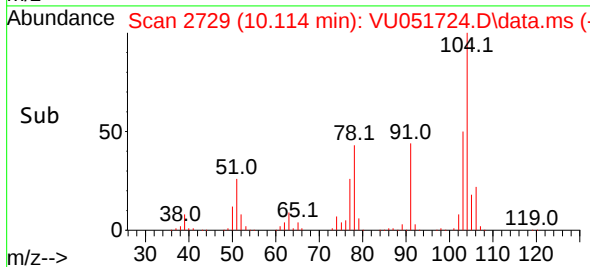
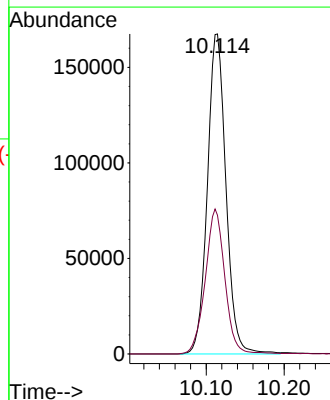
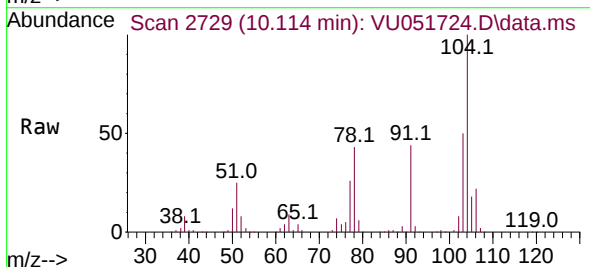
Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

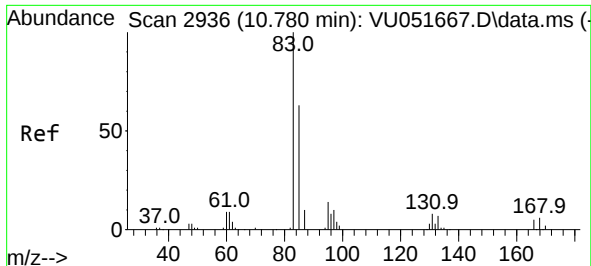
Tgt Ion:106 Resp: 155832
Ion Ratio Lower Upper
106 100
91 217.4 149.2 277.2



#55
Styrene
Concen: 5.844 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion:104 Resp: 276944
Ion Ratio Lower Upper
104 100
78 43.4 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.647 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005198

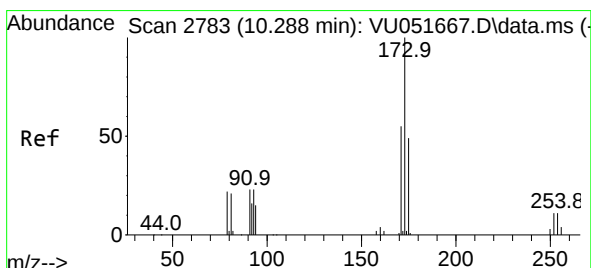
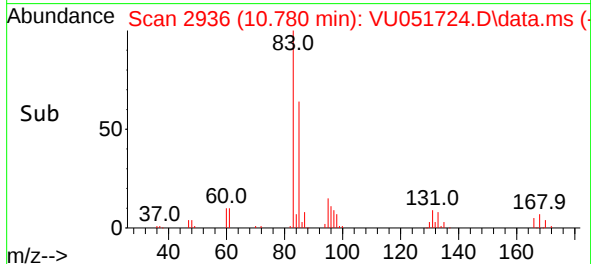
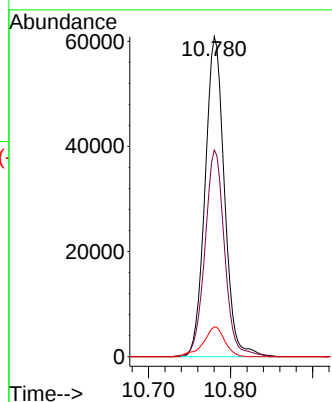
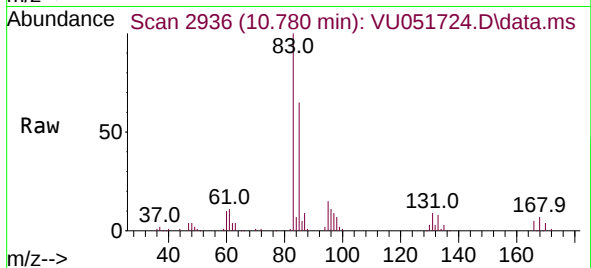
Tgt Ion: 83 Resp: 99442

Ion Ratio Lower Upper

83 100

85 64.6 44.9 83.5

131 9.3 7.8 11.8



#59

Bromoform

Concen: 5.000 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

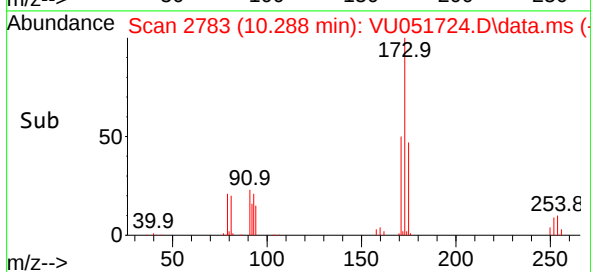
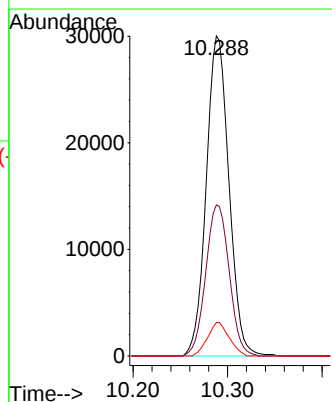
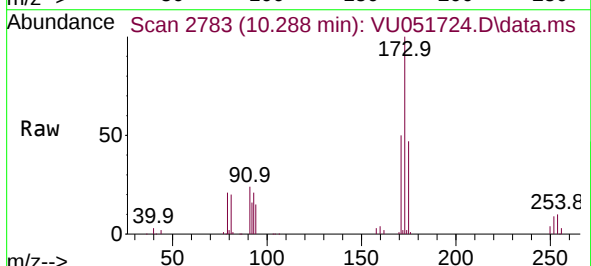
Tgt Ion: 173 Resp: 50041

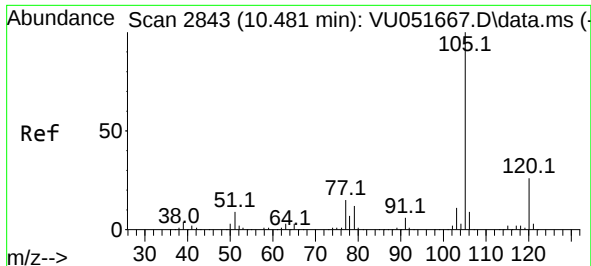
Ion Ratio Lower Upper

173 100

175 48.8 38.7 58.1

254 10.0 7.3 10.9

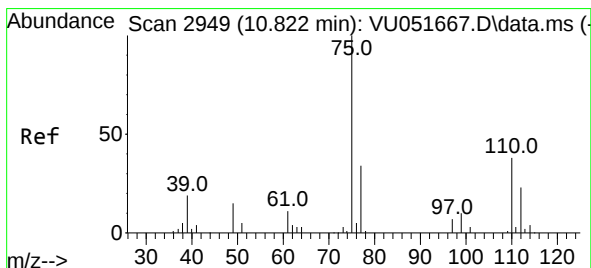
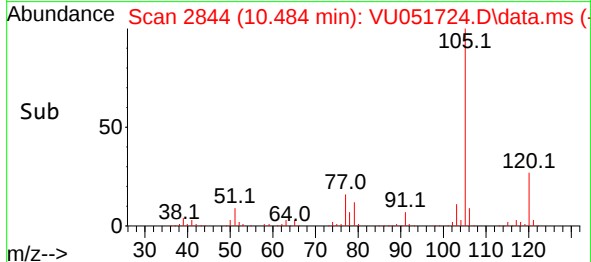
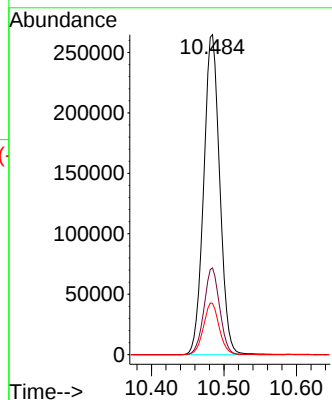
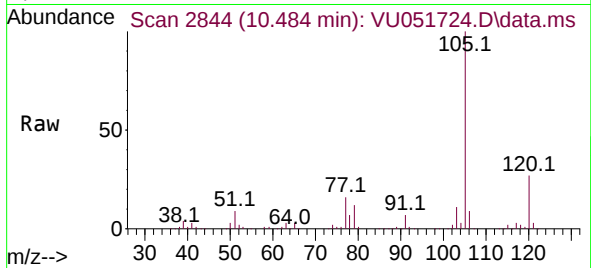




#60
Isopropylbenzene
Concen: 5.144 ug/L
RT: 10.484 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

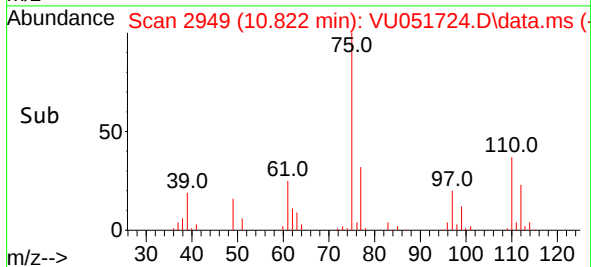
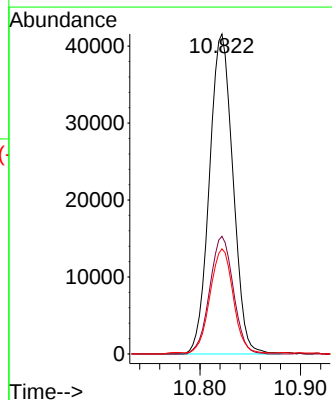
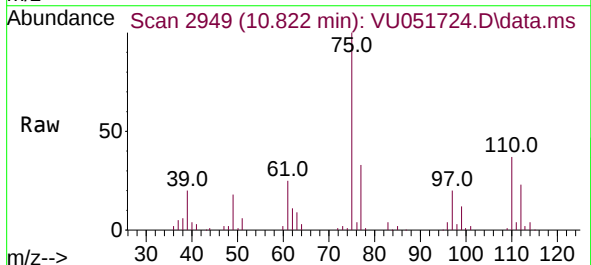
Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

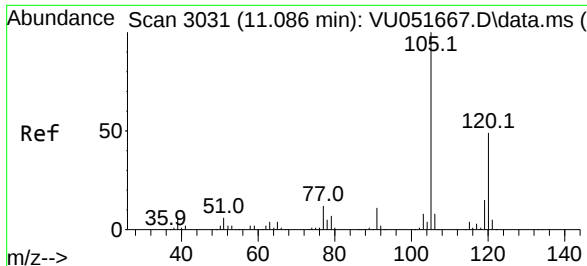
Tgt Ion:105 Resp: 406737
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 16.0 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.829 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion: 75 Resp: 67636
Ion Ratio Lower Upper
75 100
110 36.8 28.7 43.1
77 31.8 26.1 39.1

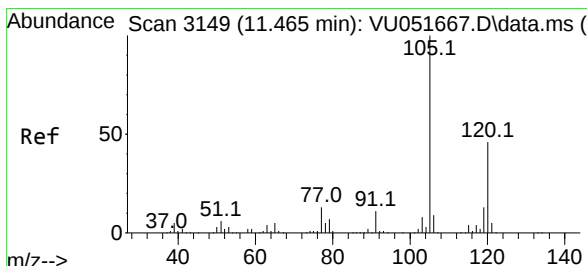
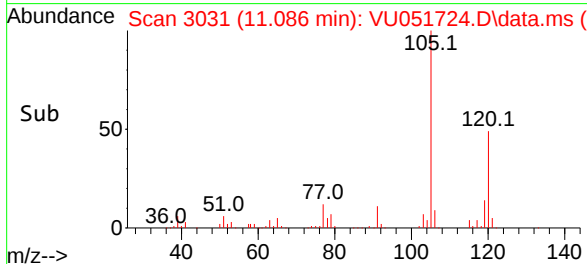
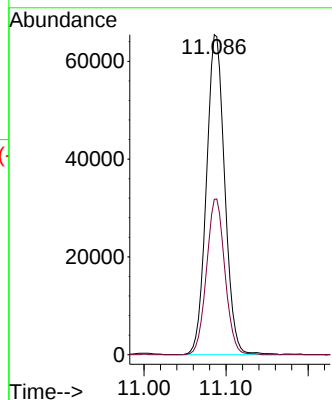
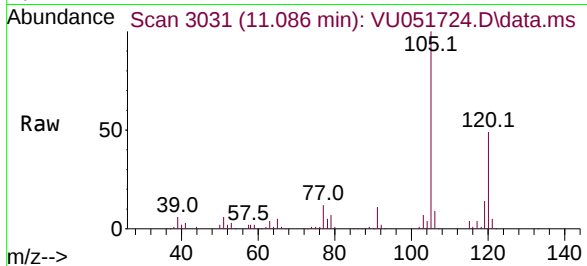




#62
1,3,5-Trimethylbenzene
Concen: 4.754 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

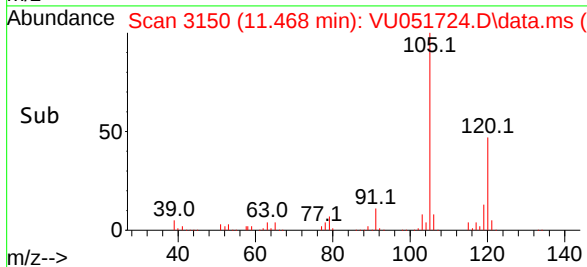
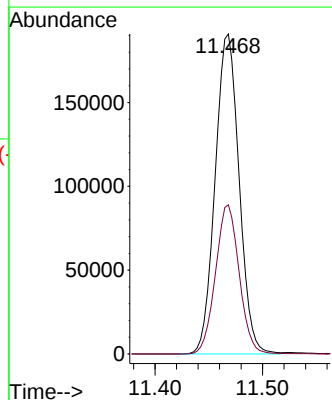
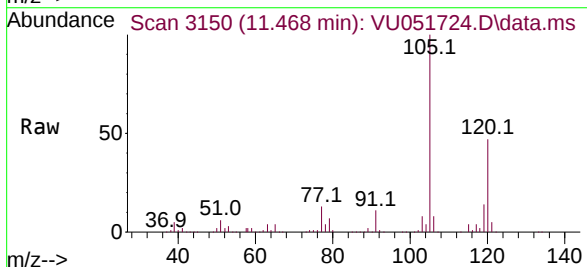
Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

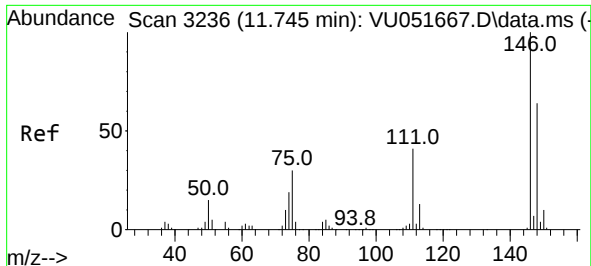
Tgt Ion:105 Resp: 101187
Ion Ratio Lower Upper
105 100
120 48.9 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.813 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion:105 Resp: 295400
Ion Ratio Lower Upper
105 100
120 46.1 35.8 53.6

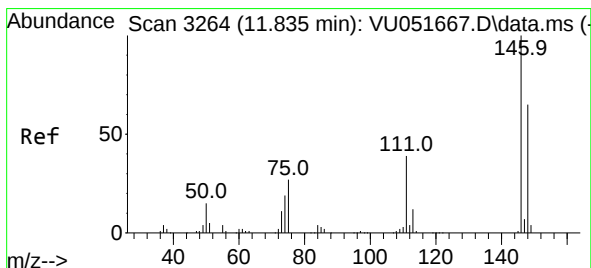
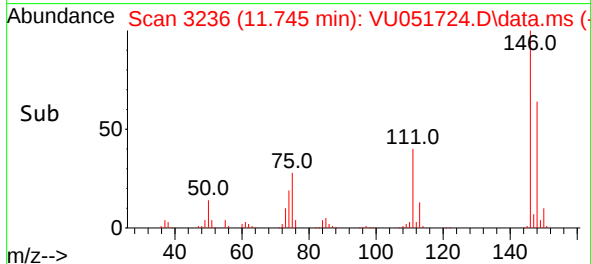
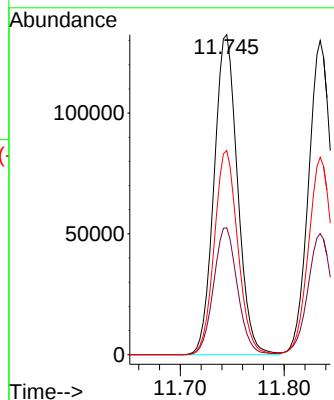
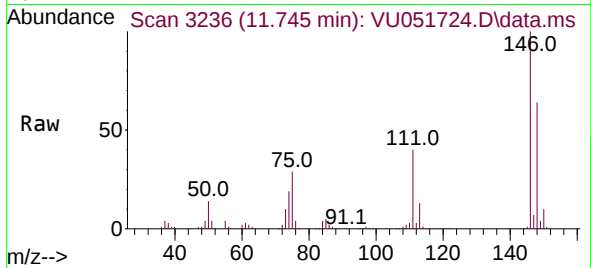




#64
1,3-Dichlorobenzene
Concen: 5.297 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

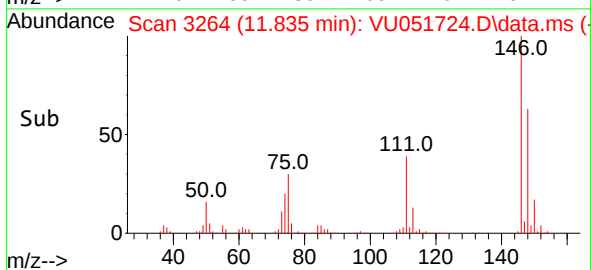
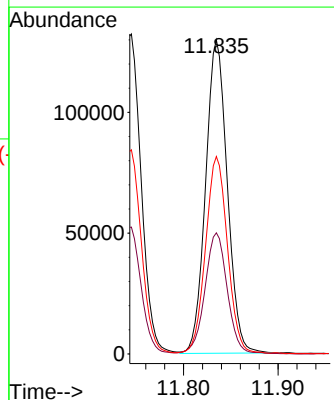
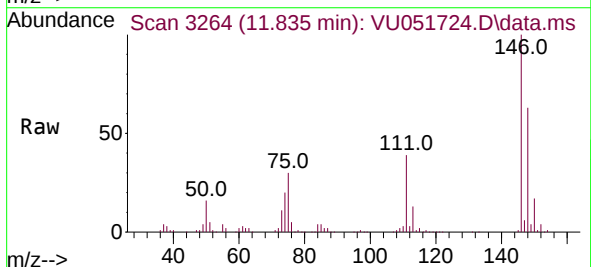
Instrument :
MSVOA_U
ClientSampleId :
VSTD005198

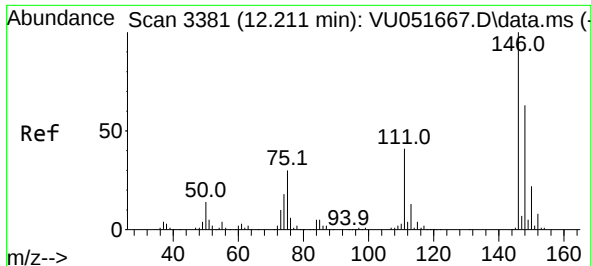
Tgt Ion:146 Resp: 208515
Ion Ratio Lower Upper
146 100
111 39.7 28.6 53.2
148 63.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.232 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051724.D
Acq: 03 Nov 2022 10:06

Tgt Ion:146 Resp: 206494
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.5
148 62.9 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.140 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005198

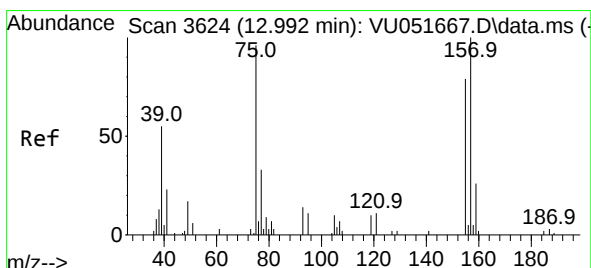
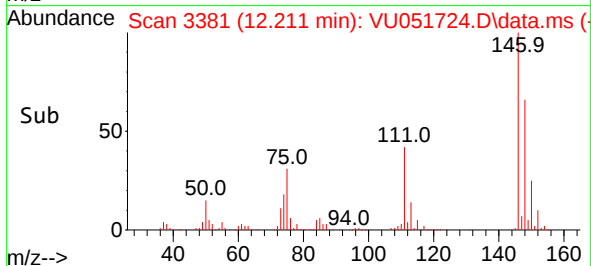
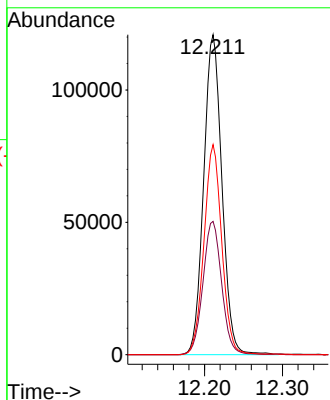
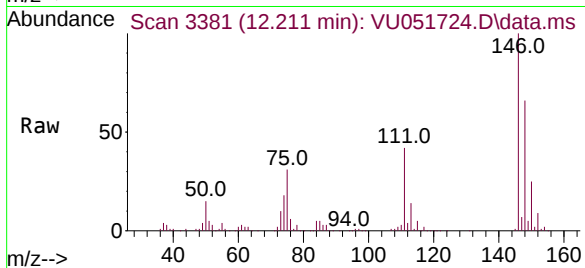
Tgt Ion:146 Resp: 197065

Ion Ratio Lower Upper

146 100

111 41.7 34.2 51.2

148 65.7 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.031 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

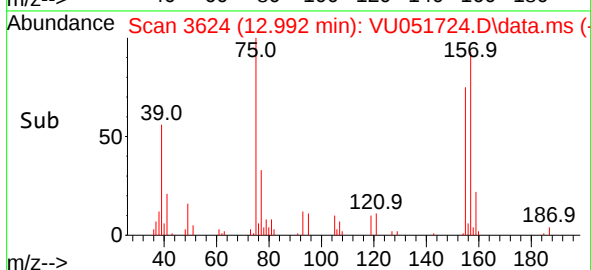
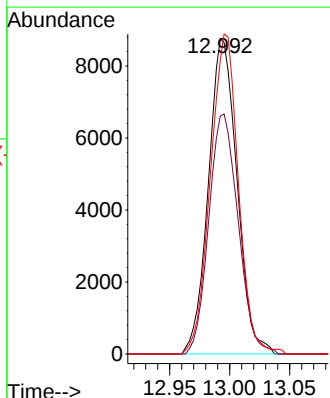
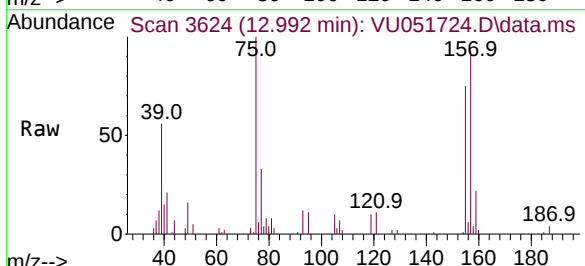
Tgt Ion: 75 Resp: 14508

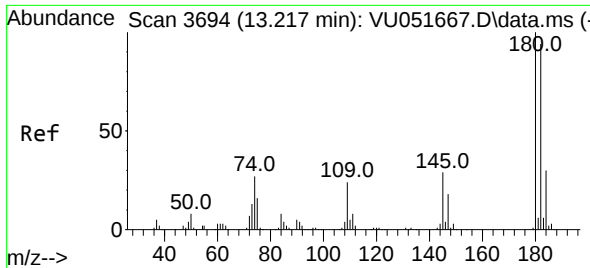
Ion Ratio Lower Upper

75 100

155 75.4 61.4 92.2

157 93.1 86.7 130.1

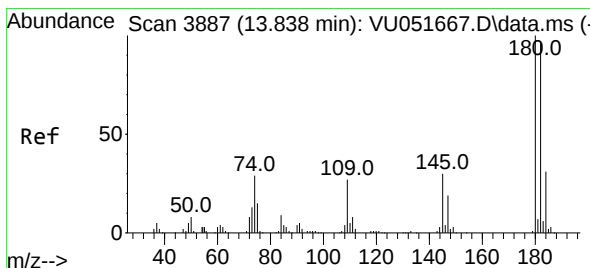
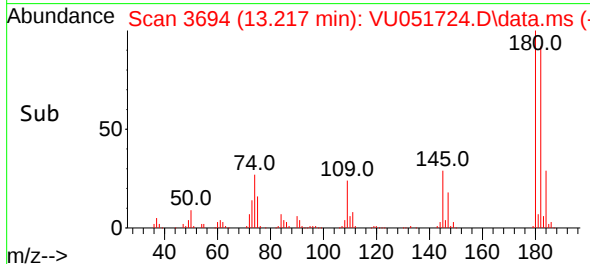
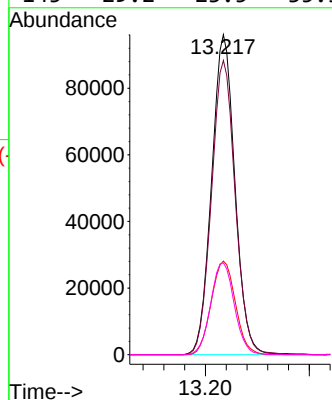
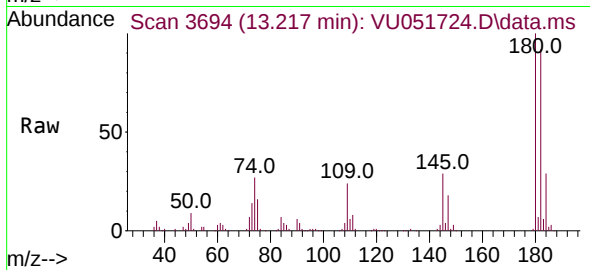




#69
 1,3,5-Trichlorobenzene
 Concen: 5.312 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051724.D
 Acq: 03 Nov 2022 10:06

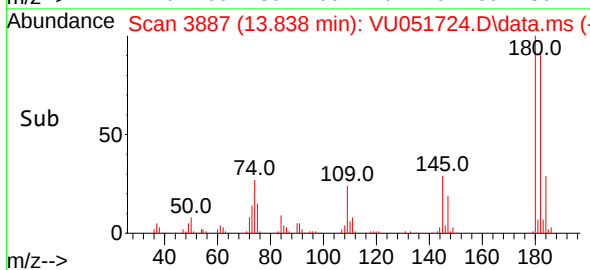
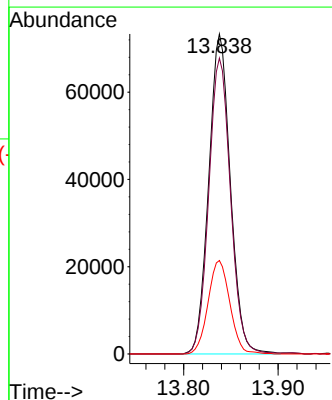
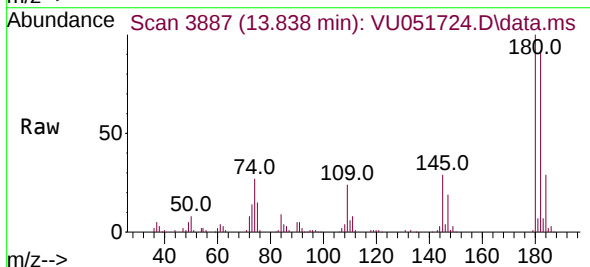
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005198

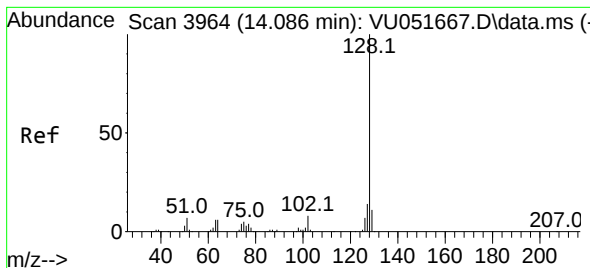
Tgt Ion:180 Resp: 149045
 Ion Ratio Lower Upper
 180 100
 182 93.7 77.0 115.6
 184 30.5 23.7 35.5
 145 29.2 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 5.416 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051724.D
 Acq: 03 Nov 2022 10:06

Tgt Ion:180 Resp: 116650
 Ion Ratio Lower Upper
 180 100
 182 92.9 77.8 116.6
 145 29.4 25.0 37.6





#71

Naphthalene

Concen: 4.560 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005198

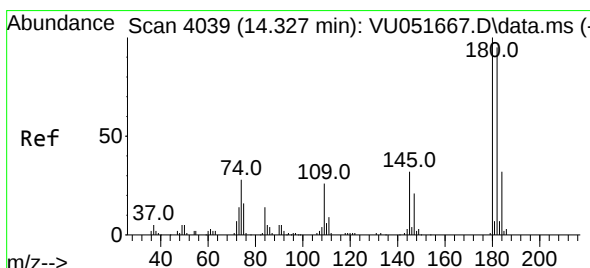
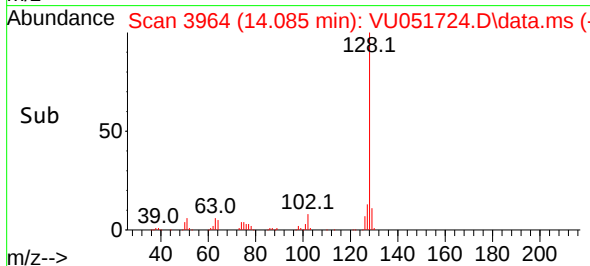
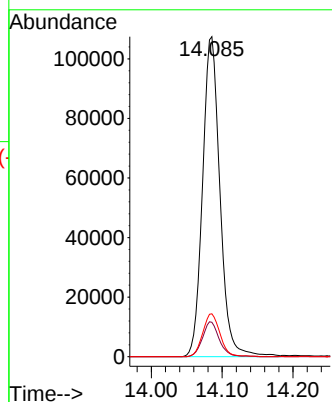
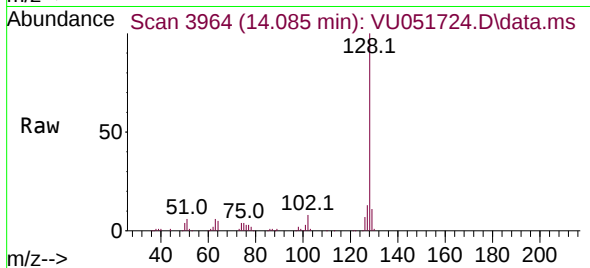
Tgt Ion:128 Resp: 183356

Ion Ratio Lower Upper

128 100

129 10.4 8.4 12.6

127 13.4 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 5.212 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU051724.D

Acq: 03 Nov 2022 10:06

Tgt Ion:180 Resp: 113354

Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

145 33.6 25.6 38.4

