

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110722\
 Data File : VU051767.D
 Acq On : 07 Nov 2022 14:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050118

Quant Time: Nov 08 00:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 27 01:27:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	513853	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	505508	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	279398	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	192991	47.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.660%
7) Chloroethane-d5	1.909	69	172424	51.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.660%
11) 1,1-Dichloroethene-d2	2.565	63	323617	46.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
21) 2-Butanone-d5	4.616	46	287036	99.868	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.870%
24) Chloroform-d	5.063	84	368375	49.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
26) 1,2-Dichloroethane-d4	5.700	65	223839	48.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
32) Benzene-d6	5.726	84	756720	55.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.560%
36) 1,2-Dichloropropane-d6	6.690	67	242655	53.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.960%
41) Toluene-d8	7.896	98	703237	56.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.720%
43) trans-1,3-Dichloroprop...	8.179	79	104302	54.489	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.980%
47) 2-Hexanone-d5	8.632	63	220944	111.898	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.900%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	381514	48.853	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	267255	51.097	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	168267	37.469	ug/L	98
3) Chloromethane	1.523	50	187809	32.720	ug/L	98
5) Vinyl chloride	1.604	62	223017	39.258	ug/L	94
6) Bromomethane	1.848	94	93621	31.707	ug/L	97
8) Chloroethane	1.932	64	145679	42.910	ug/L	99
9) Trichlorofluoromethane	2.137	101	272060	41.394	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	172423	42.922	ug/L	98
12) 1,1-Dichloroethene	2.578	96	163427	42.915	ug/L	96
13) Acetone	2.623	43	226783	69.246	ug/L	96
14) Carbon disulfide	2.790	76	486938	39.258	ug/L	99
15) Methyl Acetate	2.944	43	221860	44.794	ug/L	97
16) Methylene chloride	3.044	84	239562	47.925	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	177632	45.355	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	570932	50.978	ug/L	99
19) 1,1-Dichloroethane	3.867	63	349919	45.298	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	207382	48.535	ug/L	97
22) 2-Butanone	4.697	43	333575	87.761	ug/L	98
23) Bromochloromethane	4.973	128	117442	48.989	ug/L	95
25) Chloroform	5.086	83	363509	45.644	ug/L	100

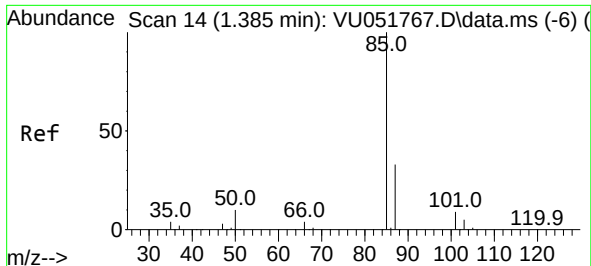
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110722\
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 QLast Update : Thu Oct 27 01:27:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	279122	45.137	ug/L	100
29) Cyclohexane	5.388	56	256889	48.369	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	274412	45.767	ug/L	99
31) Carbon tetrachloride	5.523	117	229405	45.315	ug/L	99
33) Benzene	5.774	78	829192	50.177	ug/L	100
34) Trichloroethene	6.542	95	191107	47.924	ug/L	95
35) Methylcyclohexane	6.761	83	291488	51.097	ug/L	97
37) 1,2-Dichloropropane	6.790	63	228568	50.436	ug/L	100
38) Bromodichloromethane	7.105	83	283050	49.063	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	320480	53.638	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	617015	101.897	ug/L	98
42) Toluene	7.970	91	883659	52.107	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	307616	52.904	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	225702	49.900	ug/L	99
46) Tetrachloroethene	8.552	164	150058	50.413	ug/L	99
48) 2-Hexanone	8.684	43	495718	95.803	ug/L	98
49) Dibromochloromethane	8.809	129	235828	50.941	ug/L	100
50) 1,2-Dibromoethane	8.922	107	236887	51.109	ug/L	98
51) Chlorobenzene	9.446	112	561796	50.589	ug/L	99
52) Ethylbenzene	9.571	91	887761	51.912	ug/L	98
53) m,p-Xylene	9.693	106	356685	54.112	ug/L	98
54) o-Xylene	10.102	106	351577	53.771	ug/L	94
55) Styrene	10.115	104	627438	55.222	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	403468	46.748	ug/L	99
59) Bromoform	10.288	173	176457	45.346	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	308283	42.577	ug/L	100
61) Isopropylbenzene	10.484	105	867052	49.416	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	734623	49.288	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	747612	50.940	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	443542	49.523	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	448434	48.686	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	451293	48.372	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	84640	43.311	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	311151	51.788	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	264390	57.157	ug/L	99
71) Naphthalene	14.085	128	926740	62.596	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	297070	59.828	ug/L	99

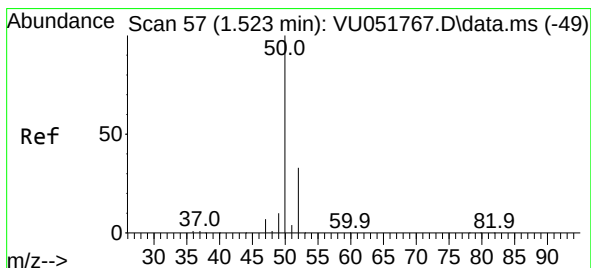
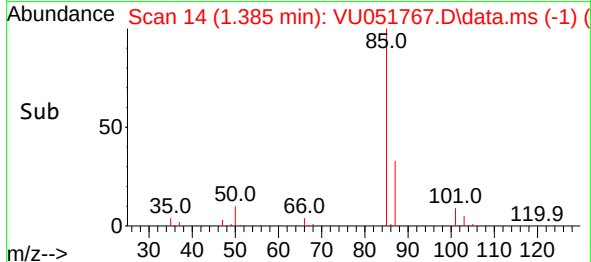
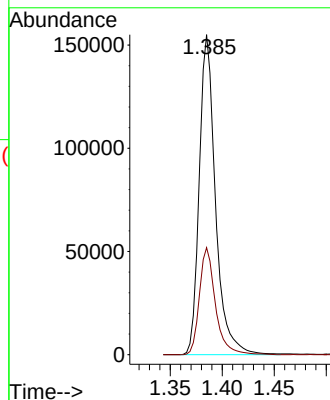
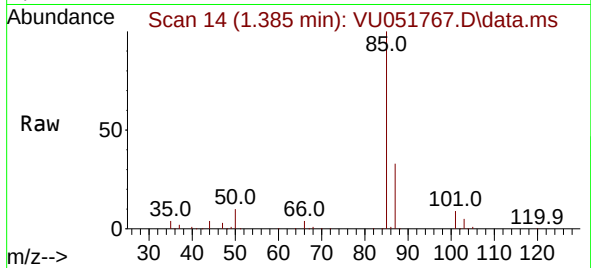
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#2
Dichlorodifluoromethane
Concen: 37.469 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

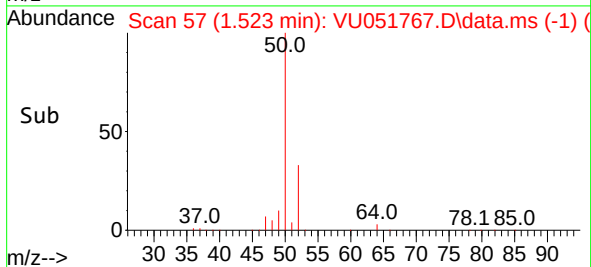
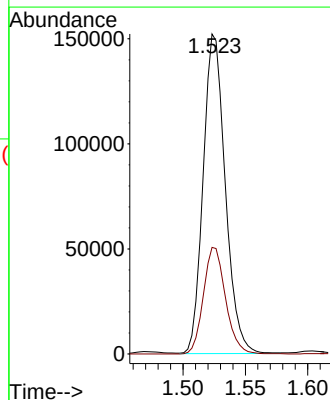
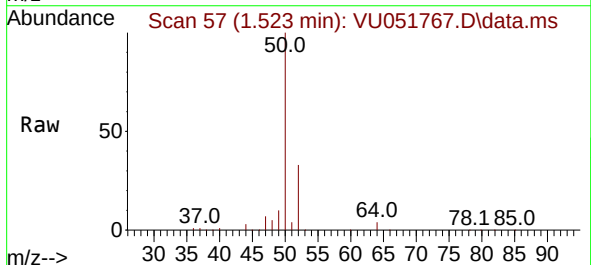
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

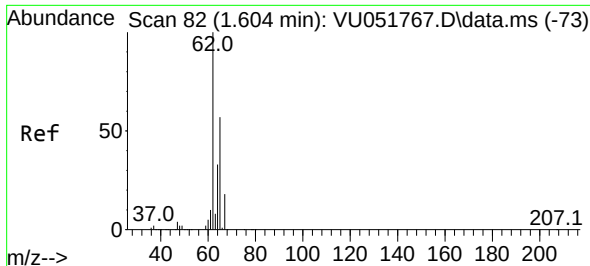
Tgt Ion: 85 Resp: 168267
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5



#3
Chloromethane
Concen: 32.720 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 50 Resp: 187809
Ion Ratio Lower Upper
50 100
52 33.3 24.1 44.8

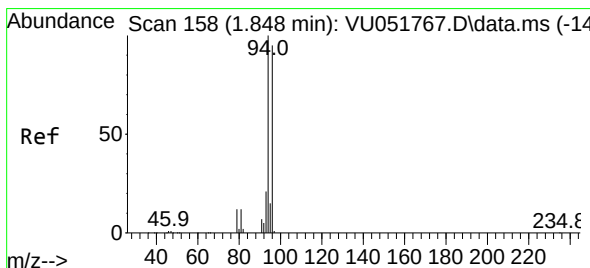
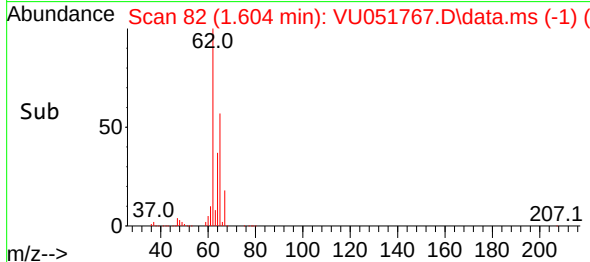
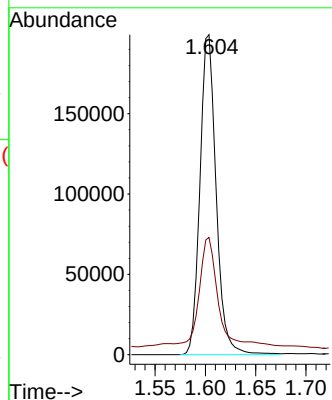
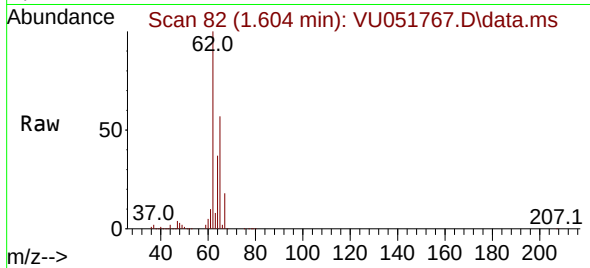




#5
 Vinyl chloride
 Concen: 39.258 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051767.D
 Acq: 07 Nov 2022 14:13

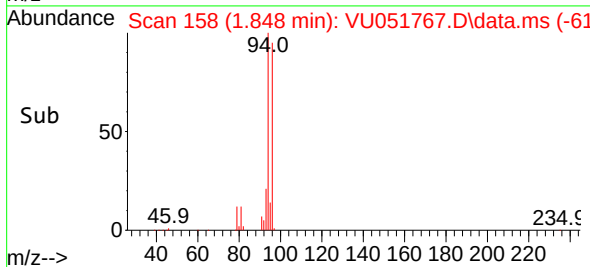
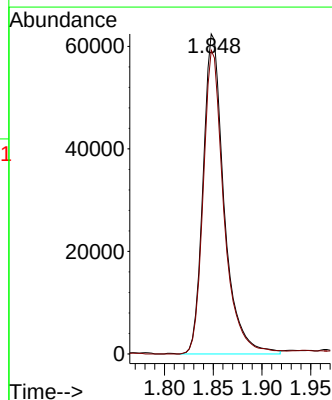
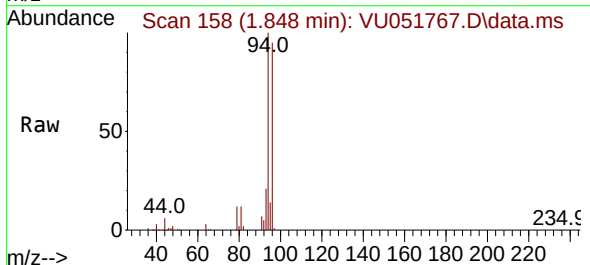
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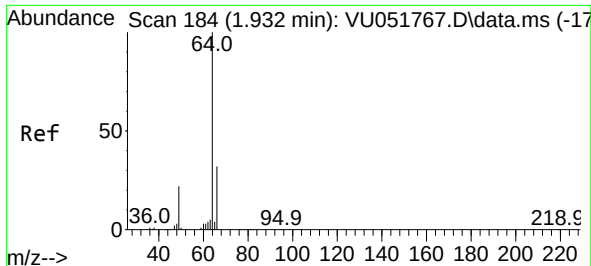
Tgt Ion: 62 Resp: 223017
 Ion Ratio Lower Upper
 62 100
 64 36.7 23.2 43.2



#6
 Bromomethane
 Concen: 31.707 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.013 min
 Lab File: VU051767.D
 Acq: 07 Nov 2022 14:13

Tgt Ion: 94 Resp: 93621
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.5 119.9

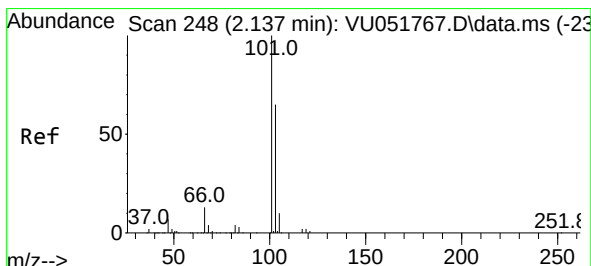
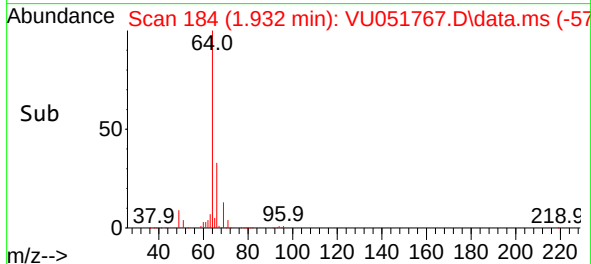
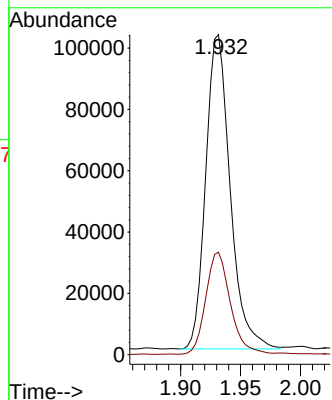
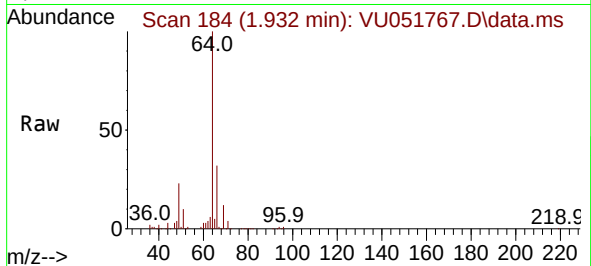




#8
Chloroethane
Concen: 42.910 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.010 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

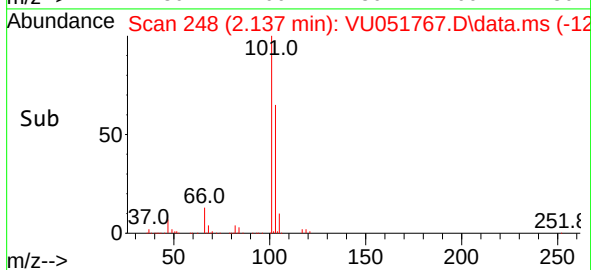
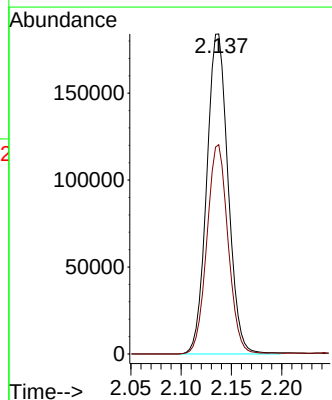
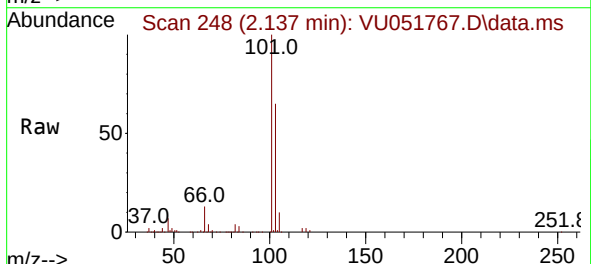
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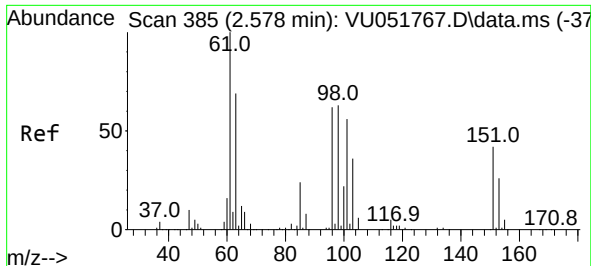
Tgt Ion: 64 Resp: 145679
Ion Ratio Lower Upper
64 100
66 32.0 21.9 40.7



#9
Trichlorofluoromethane
Concen: 41.394 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.006 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 101 Resp: 272060
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4

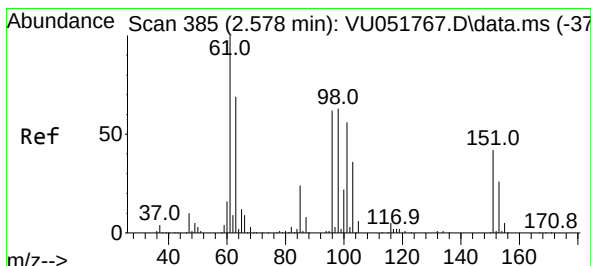
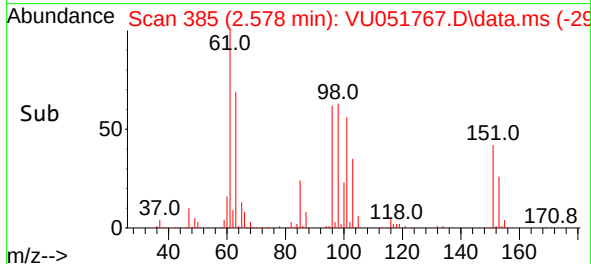
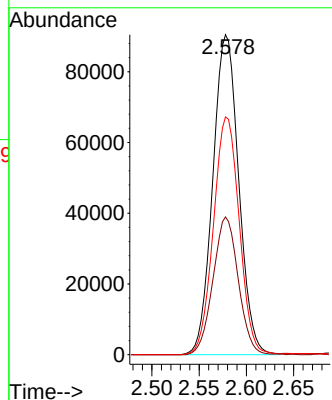
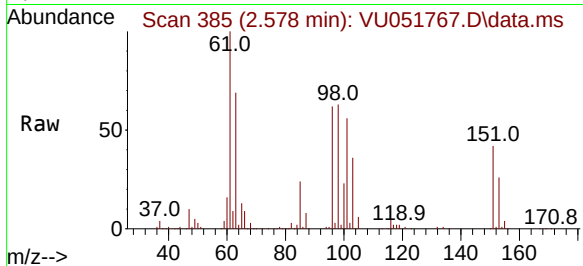




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.922 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051767.D
 Acq: 07 Nov 2022 14:13

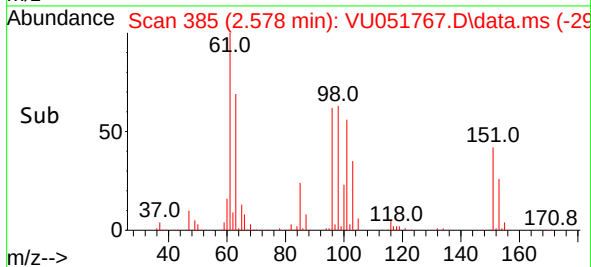
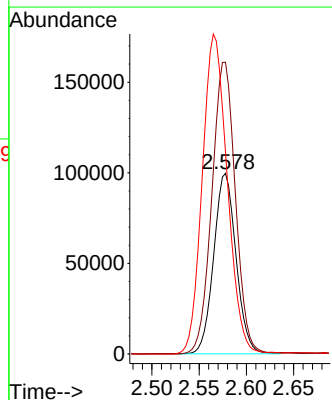
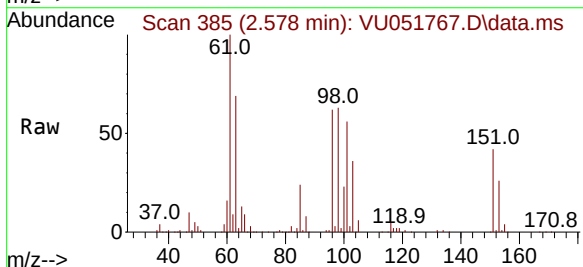
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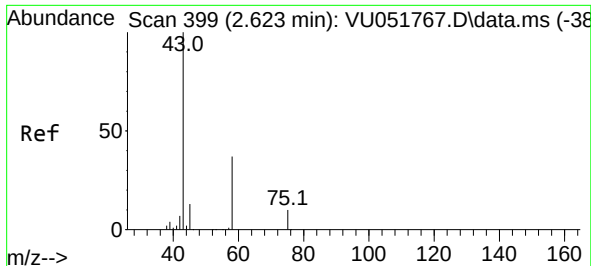
Tgt Ion:101 Resp: 172423
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.2 52.8
 151 74.0 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 42.915 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051767.D
 Acq: 07 Nov 2022 14:13

Tgt Ion: 96 Resp: 163427
 Ion Ratio Lower Upper
 96 100
 61 161.5 119.0 221.0
 63 112.0 78.5 145.7





#13

Acetone

Concen: 69.246 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

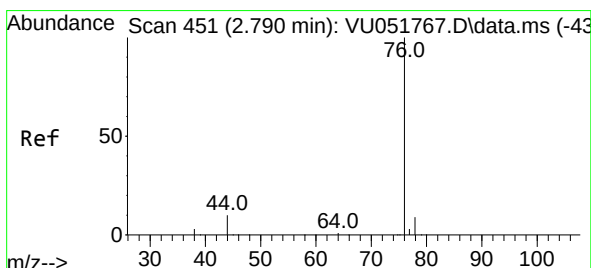
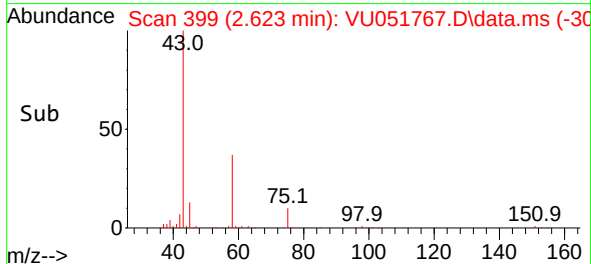
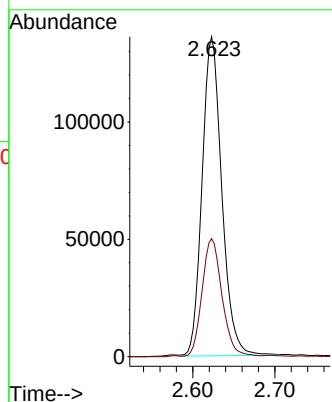
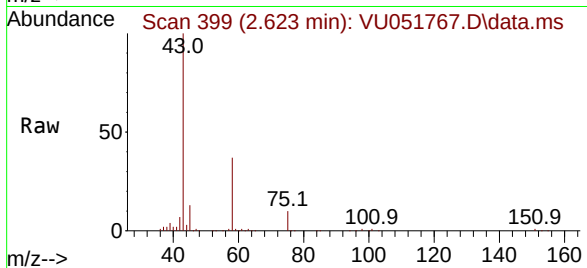
VSTD050118

Tgt Ion: 43 Resp: 226783

Ion Ratio Lower Upper

43 100

58 37.3 0.0 70.2



#14

Carbon disulfide

Concen: 39.258 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051767.D

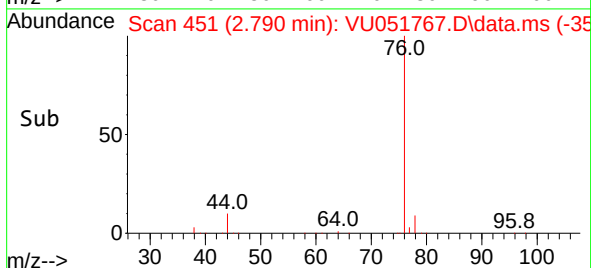
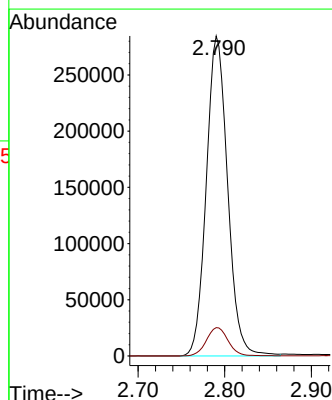
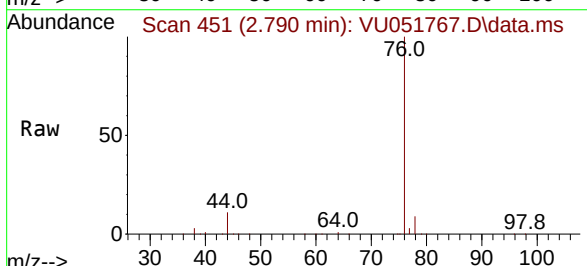
Acq: 07 Nov 2022 14:13

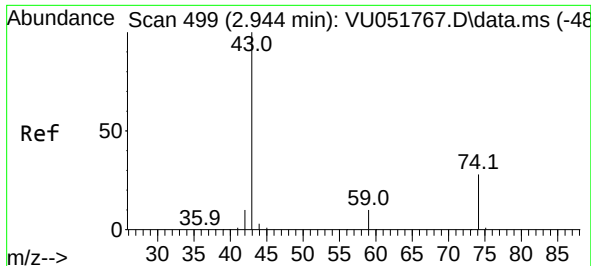
Tgt Ion: 76 Resp: 486938

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

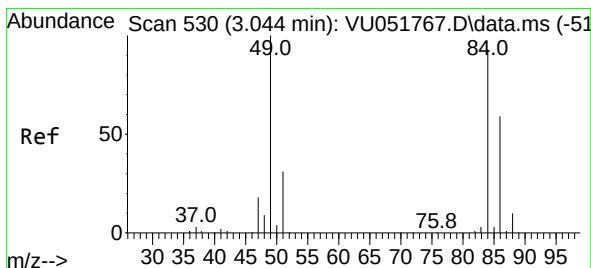
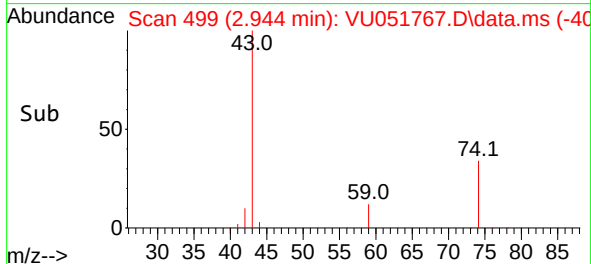
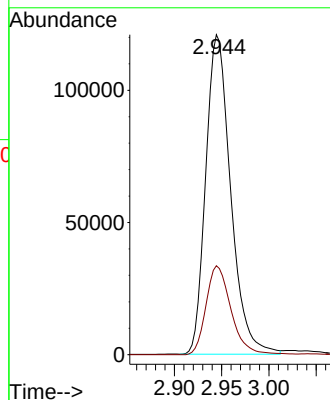
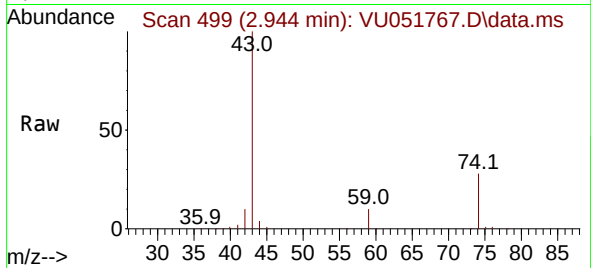




#15
Methyl Acetate
Concen: 44.794 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

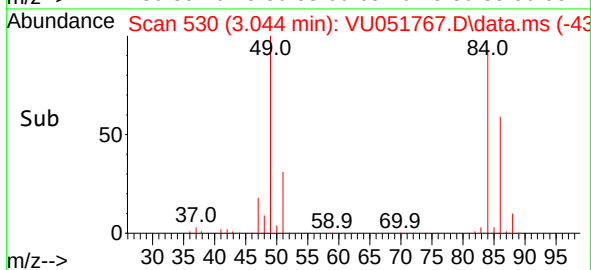
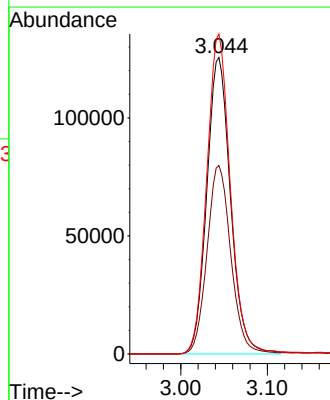
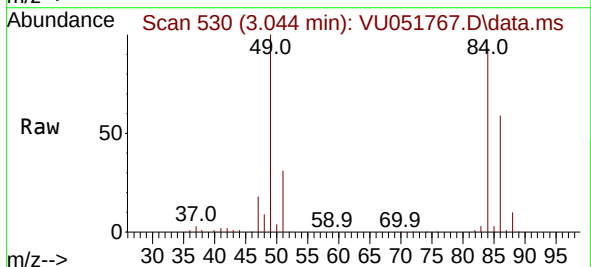
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

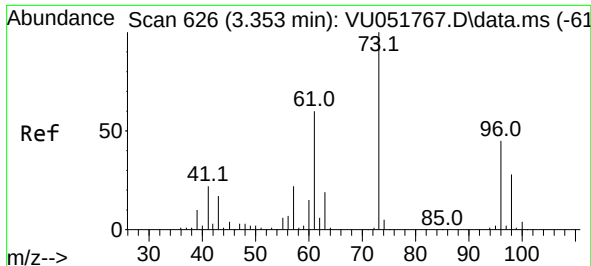
Tgt Ion: 43 Resp: 221860
Ion Ratio Lower Upper
43 100
74 27.9 21.1 31.7



#16
Methylene chloride
Concen: 47.925 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 84 Resp: 239562
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.2
49 108.0 78.1 145.1





#17

trans-1,2-Dichloroethene

Concen: 45.355 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD050118

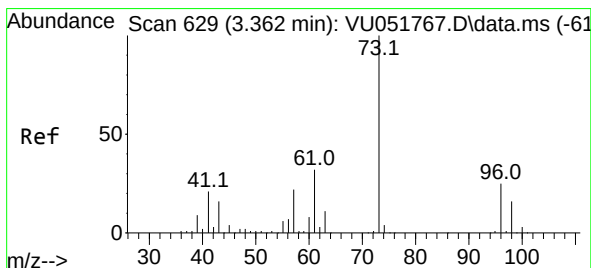
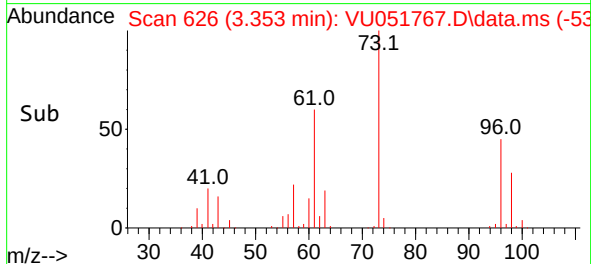
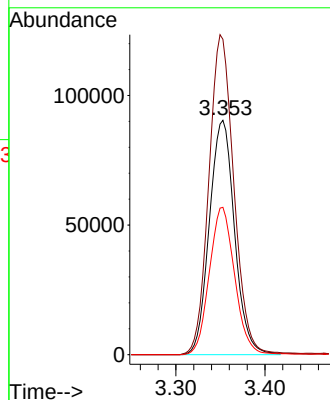
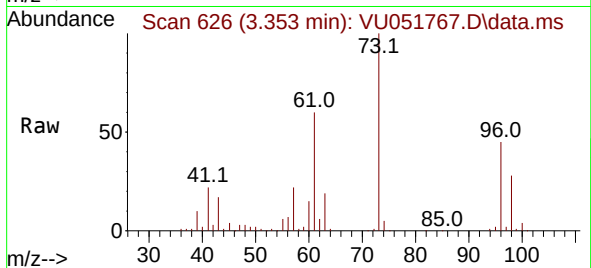
Tgt Ion: 96 Resp: 177632

Ion Ratio Lower Upper

96 100

61 134.6 98.1 182.1

98 62.9 44.8 83.2



#18

Methyl tert-butyl Ether

Concen: 50.978 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

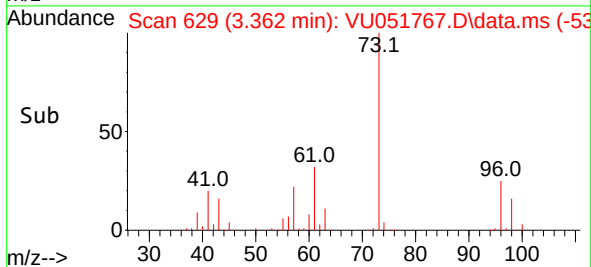
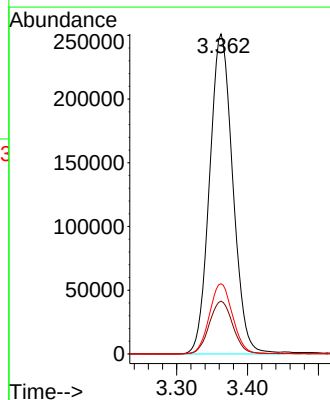
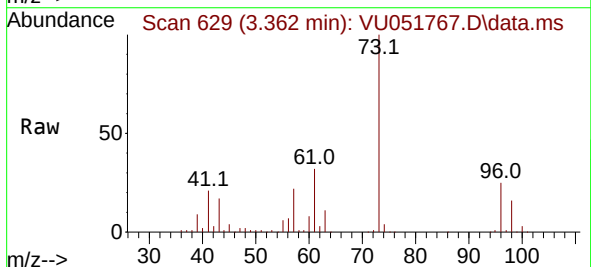
Tgt Ion: 73 Resp: 570932

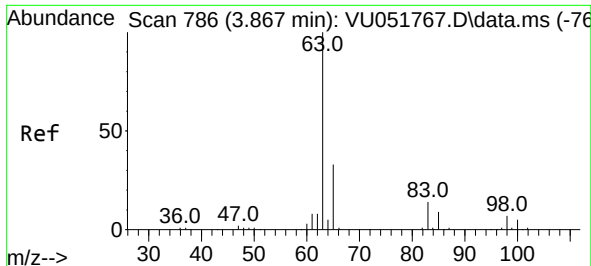
Ion Ratio Lower Upper

73 100

43 16.8 13.9 20.9

57 22.1 17.7 26.5

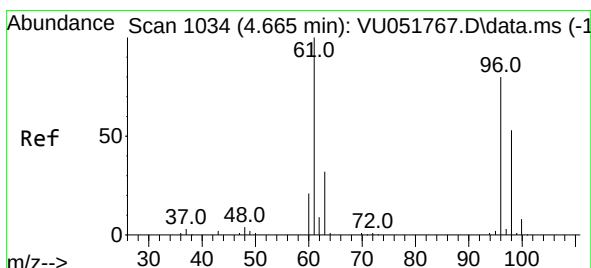
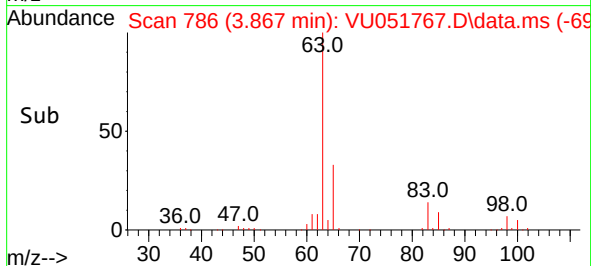
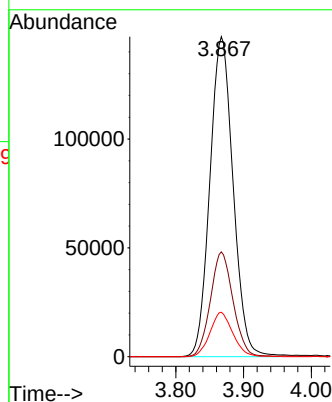
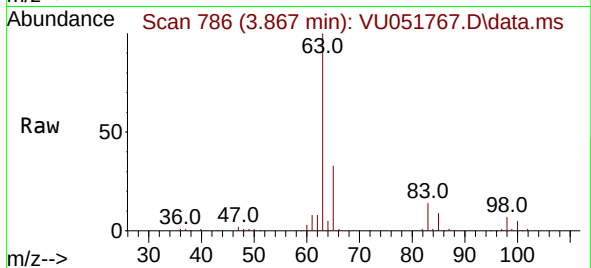




#19
1,1-Dichloroethane
Concen: 45.298 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

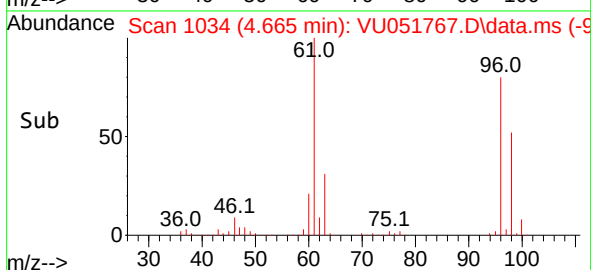
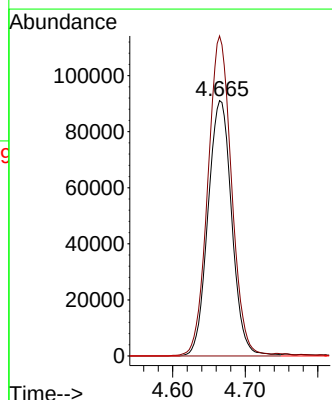
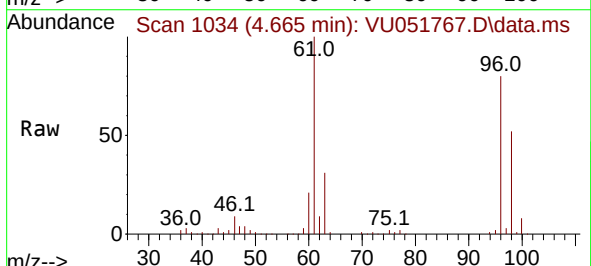
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

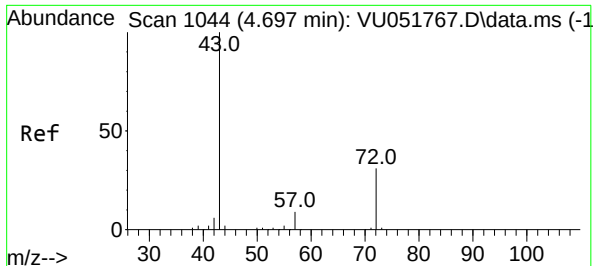
Tgt Ion: 63 Resp: 349919
Ion Ratio Lower Upper
63 100
65 32.7 22.1 41.1
83 13.9 9.4 17.4



#20
cis-1,2-Dichloroethene
Concen: 48.535 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 96 Resp: 207382
Ion Ratio Lower Upper
96 100
61 125.3 89.7 166.7
68 0.0 0.0 0.0

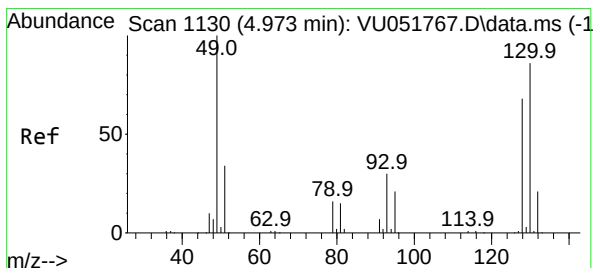
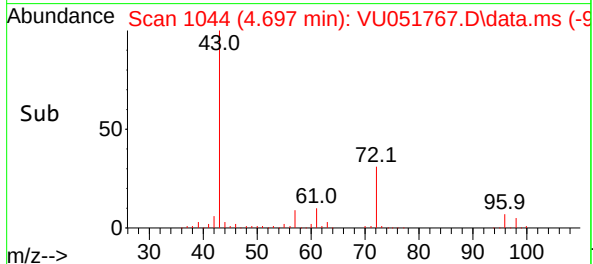
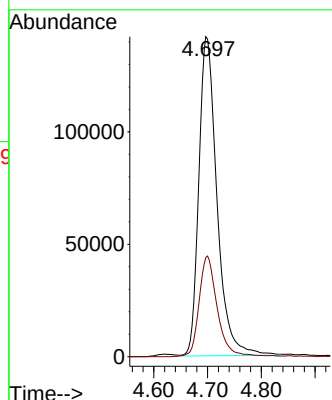
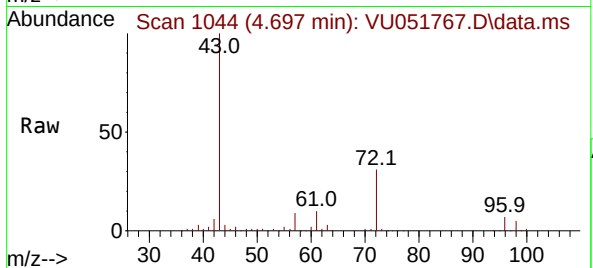




#22
2-Butanone
Concen: 87.761 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

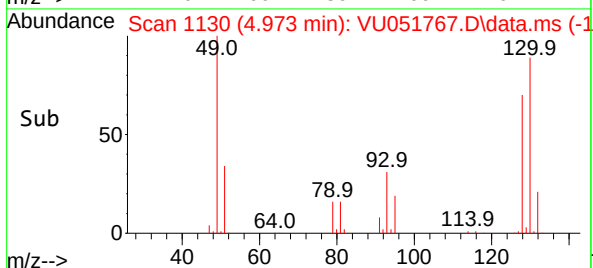
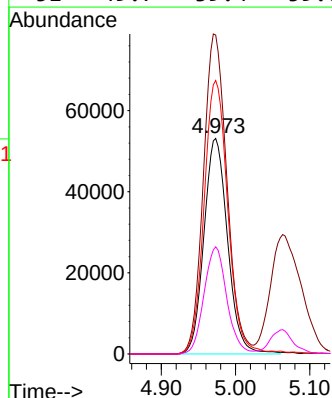
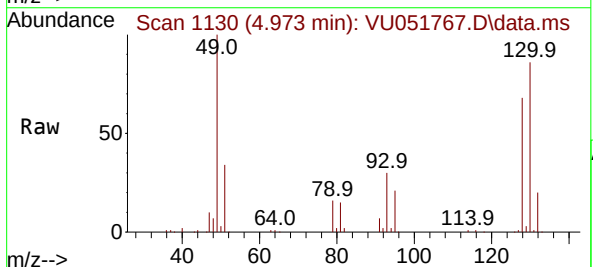
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

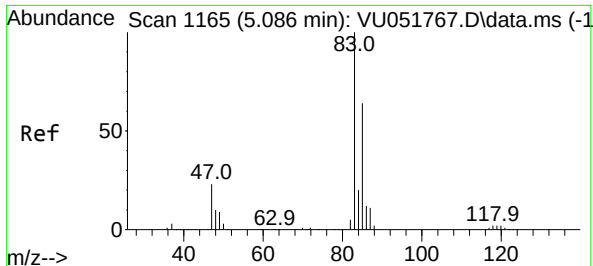
Tgt Ion: 43 Resp: 333575
Ion Ratio Lower Upper
43 100
72 31.4 15.2 45.6



#23
Bromochloromethane
Concen: 48.989 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion:128 Resp: 117442
Ion Ratio Lower Upper
128 100
49 147.9 111.9 207.9
130 126.8 88.2 163.8
51 49.7 39.4 59.0





#25

Chloroform

Concen: 45.644 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

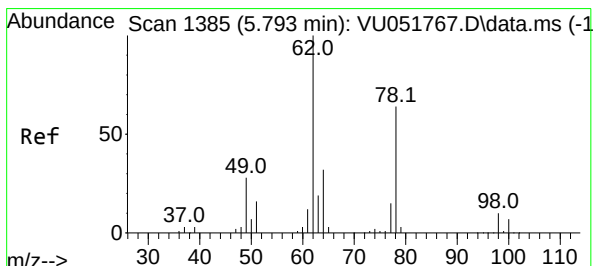
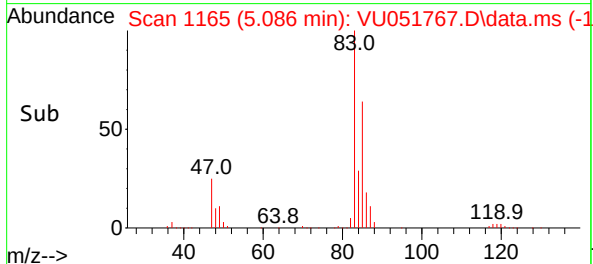
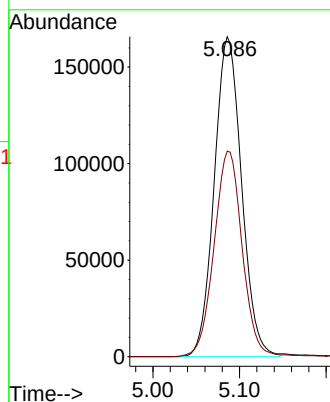
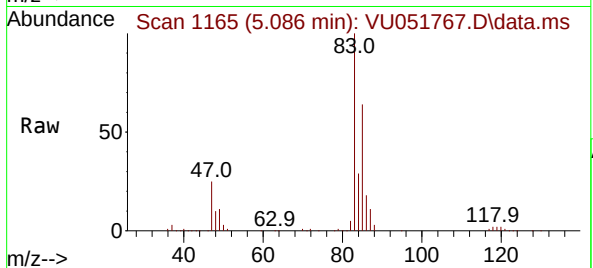
VSTD050118

Tgt Ion: 83 Resp: 363509

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9



#27

1,2-Dichloroethane

Concen: 45.137 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU051767.D

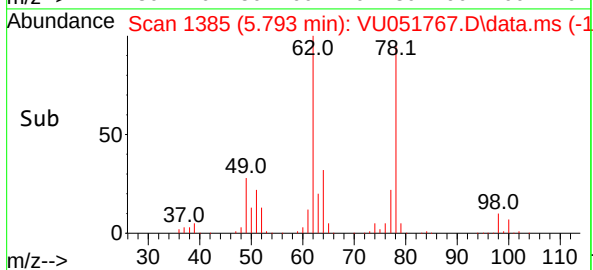
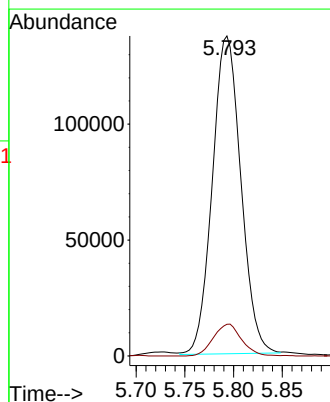
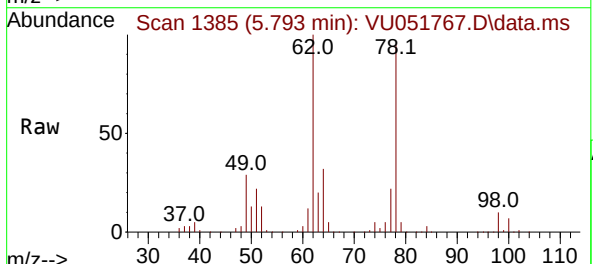
Acq: 07 Nov 2022 14:13

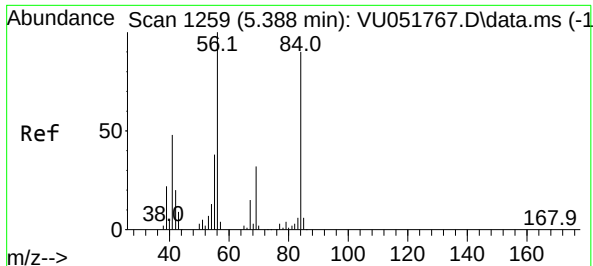
Tgt Ion: 62 Resp: 279122

Ion Ratio Lower Upper

62 100

98 9.9 8.0 12.0





#29

Cyclohexane

Concen: 48.369 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

VSTD050118

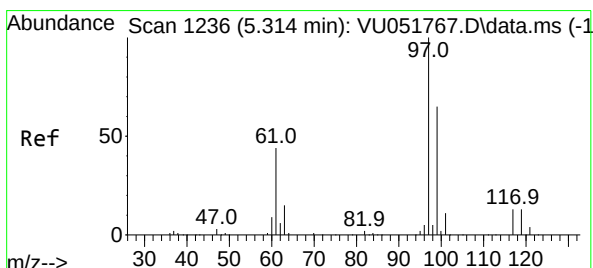
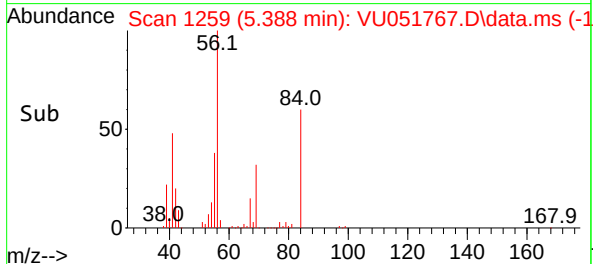
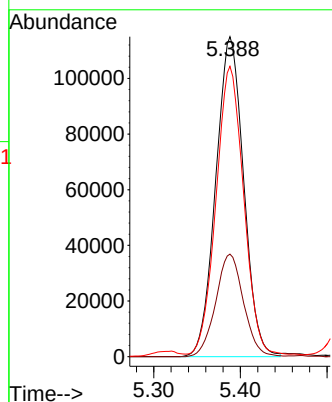
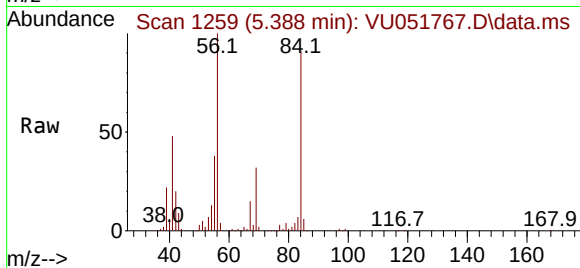
Tgt Ion: 56 Resp: 256889

Ion Ratio Lower Upper

56 100

69 32.0 25.5 38.3

84 89.2 69.8 104.6



#30

1,1,1-Trichloroethane

Concen: 45.767 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

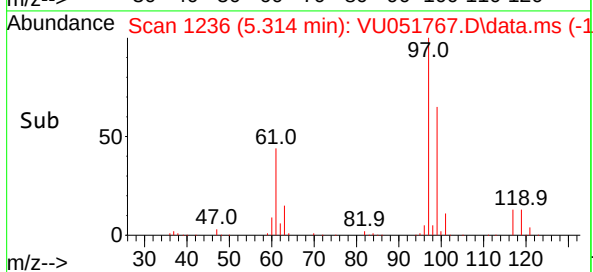
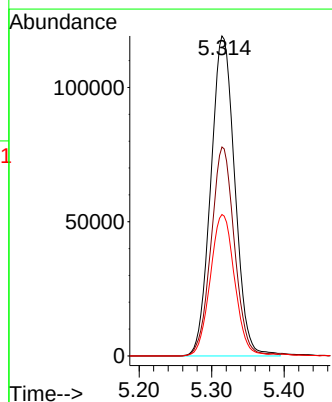
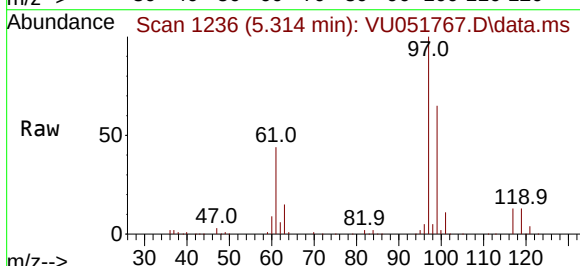
Tgt Ion: 97 Resp: 274412

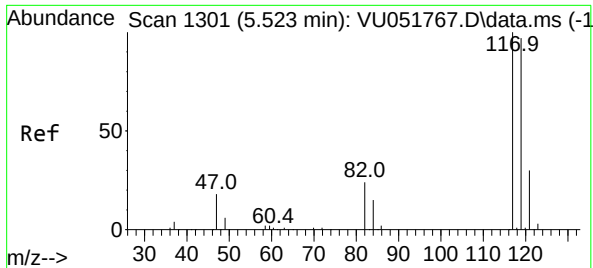
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 44.7 36.7 55.1

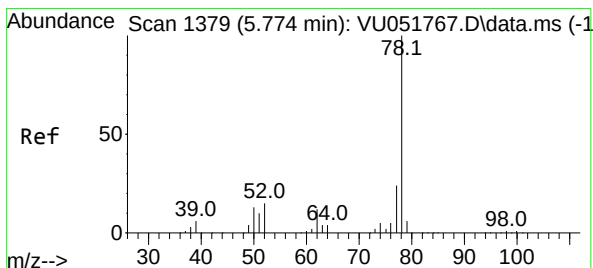
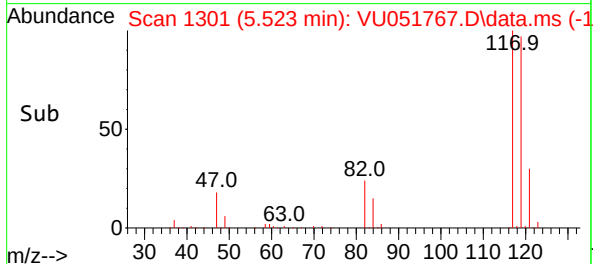
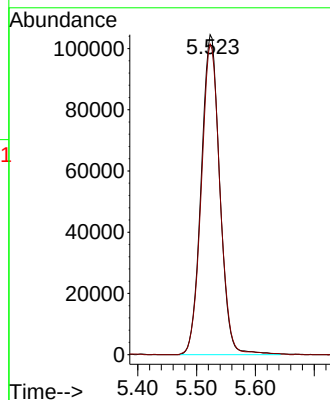
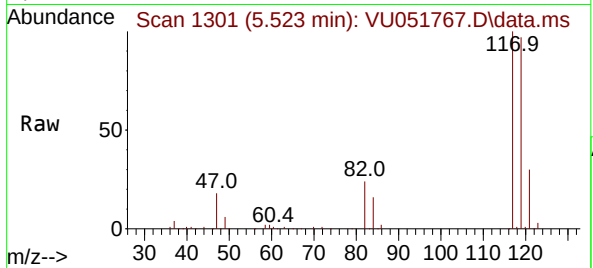




#31
Carbon tetrachloride
Concen: 45.315 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

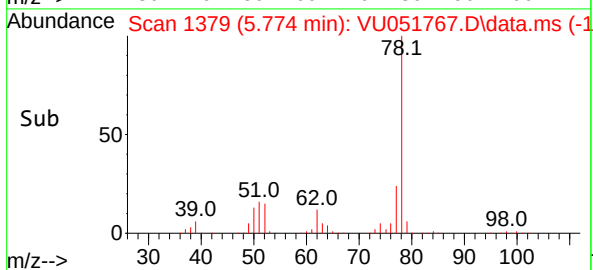
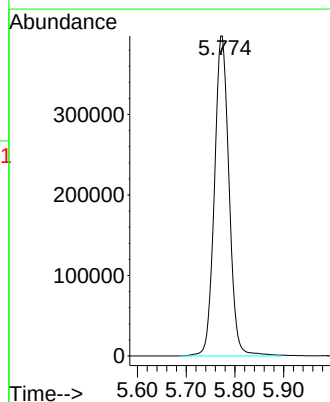
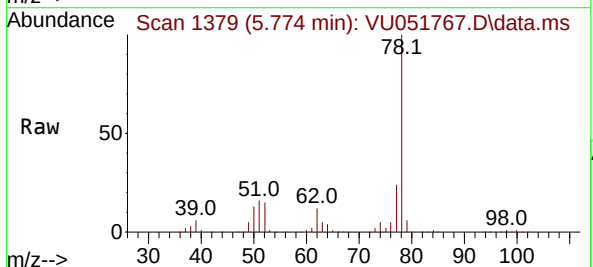
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

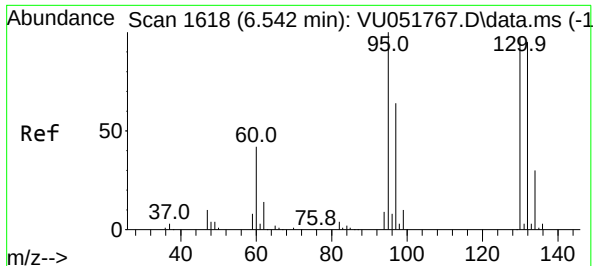
Tgt Ion:117 Resp: 229405
Ion Ratio Lower Upper
117 100
119 97.5 77.0 115.6



#33
Benzene
Concen: 50.177 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 78 Resp: 829192

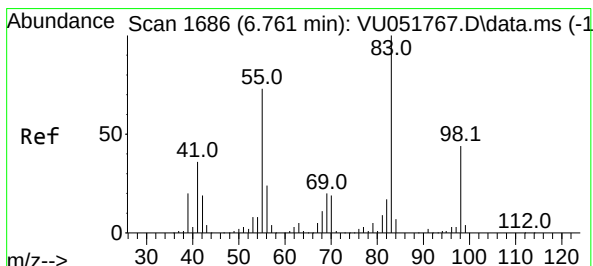
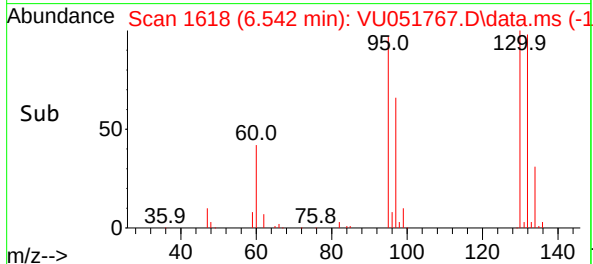
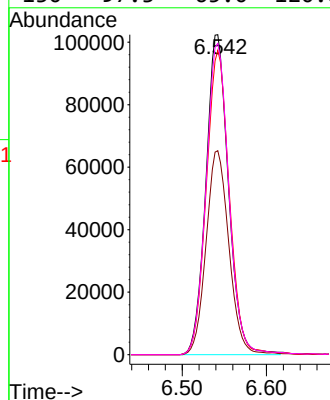
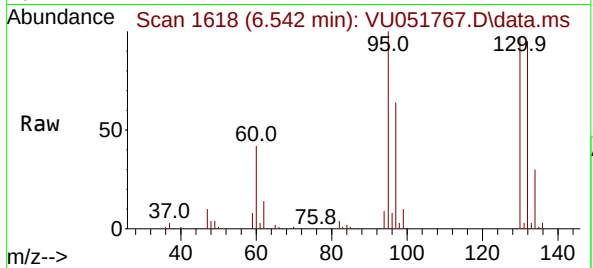




#34
Trichloroethene
Concen: 47.924 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

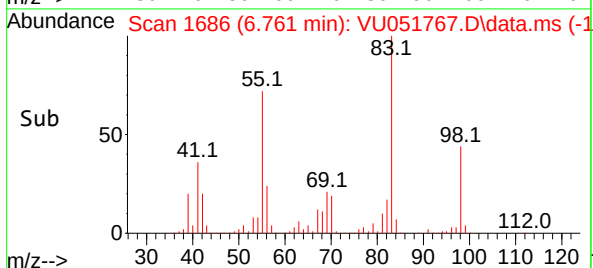
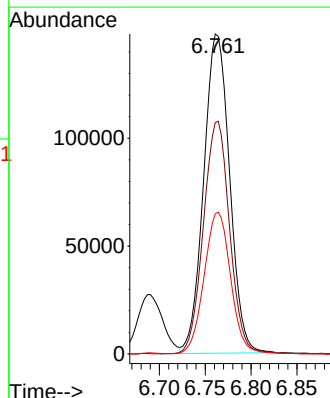
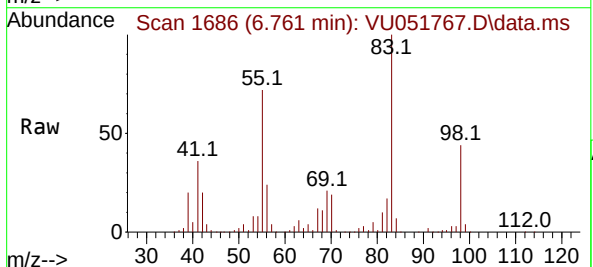
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

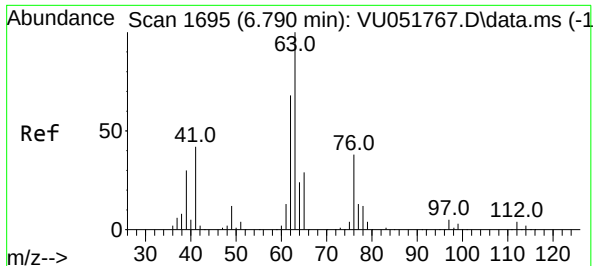
Tgt Ion: 95 Resp: 191107
Ion Ratio Lower Upper
95 100
97 63.8 43.8 81.4
132 95.1 61.9 114.9
130 97.3 65.0 120.8



#35
Methylcyclohexane
Concen: 51.097 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 83 Resp: 291488
Ion Ratio Lower Upper
83 100
55 73.9 62.6 93.8
98 45.5 36.2 54.4





#37

1,2-Dichloropropane

Concen: 50.436 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

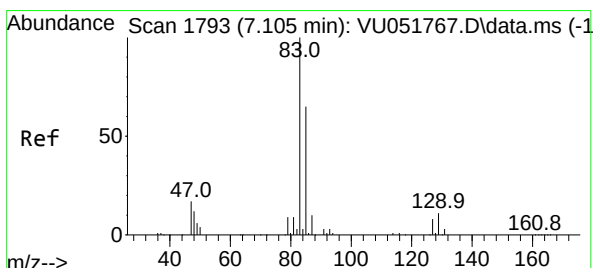
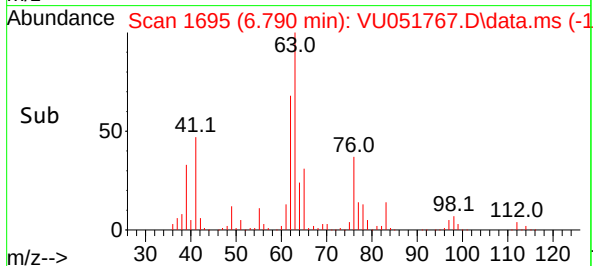
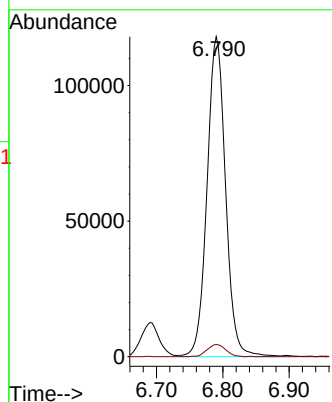
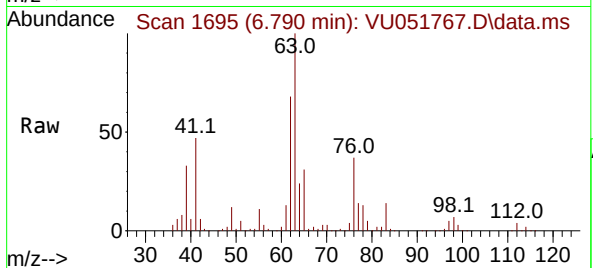
VSTD050118

Tgt Ion: 63 Resp: 228568

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 49.063 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

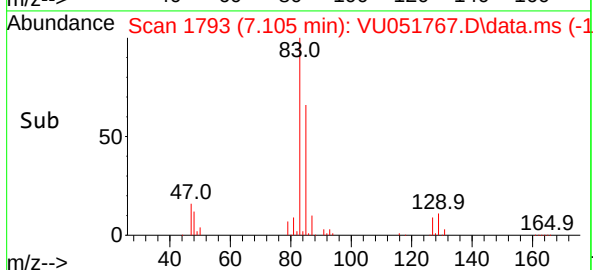
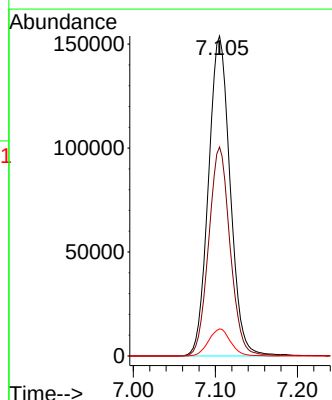
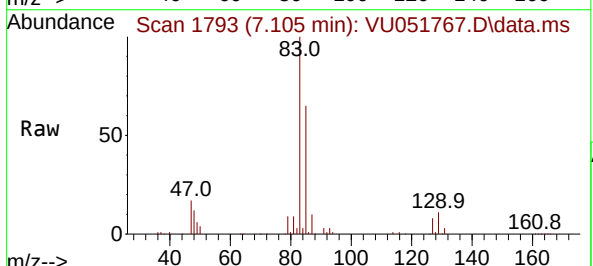
Tgt Ion: 83 Resp: 283050

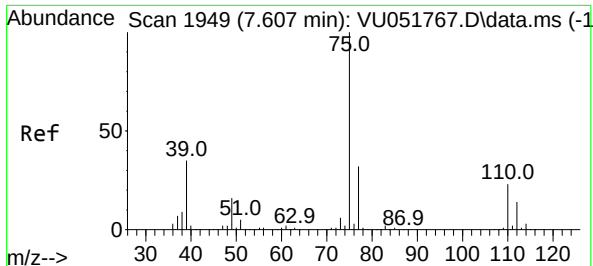
Ion Ratio Lower Upper

83 100

85 65.3 44.9 83.5

127 8.5 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 53.638 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

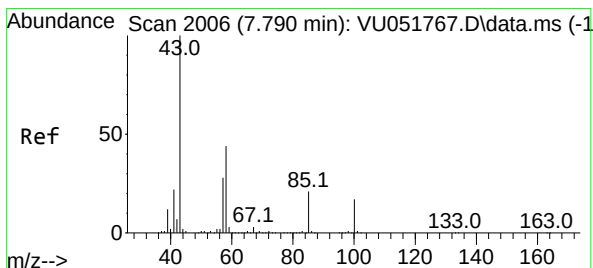
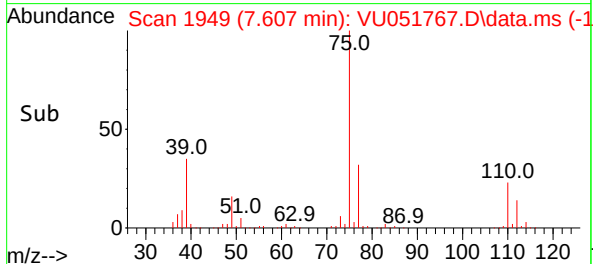
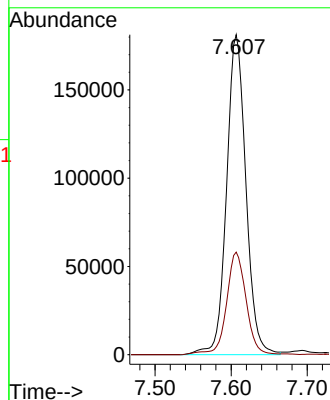
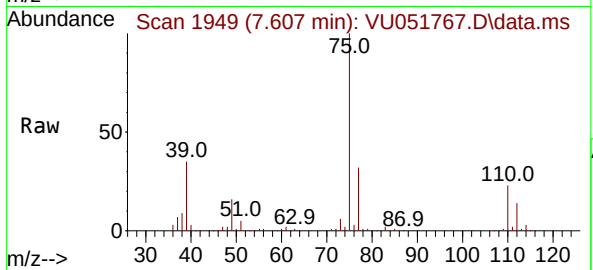
VSTD050118

Tgt Ion: 75 Resp: 320480

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 101.897 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

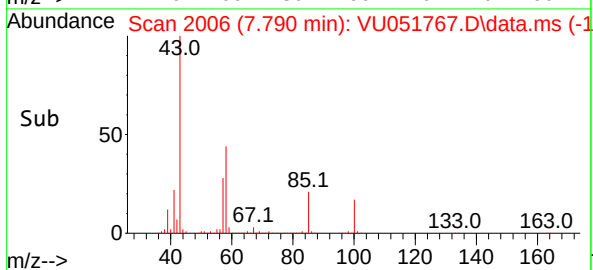
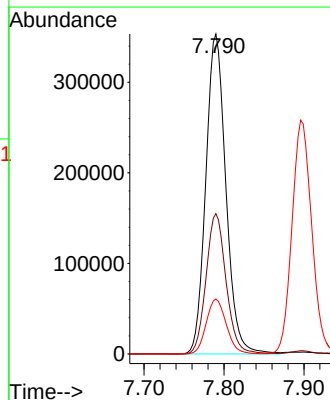
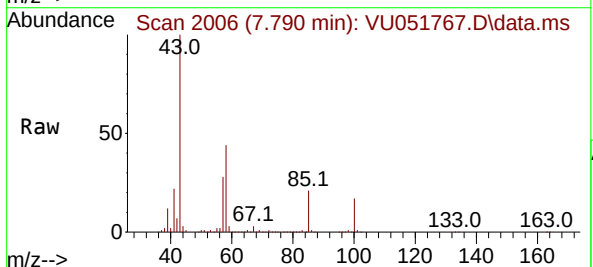
Tgt Ion: 43 Resp: 617015

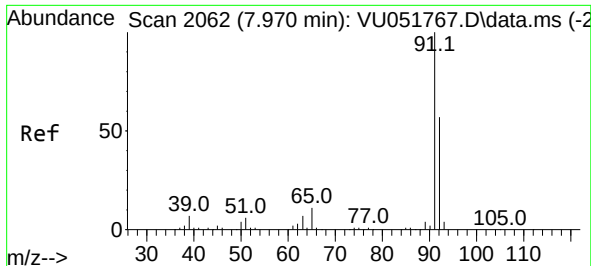
Ion Ratio Lower Upper

43 100

58 43.8 34.4 51.6

100 17.2 12.9 19.3





#42

Toluene

Concen: 52.107 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

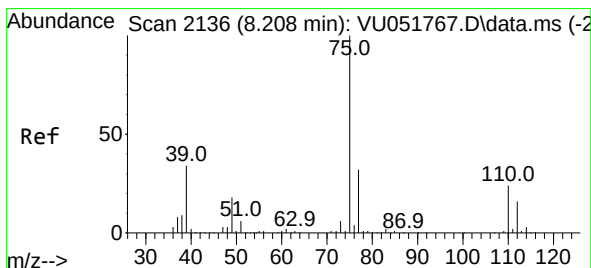
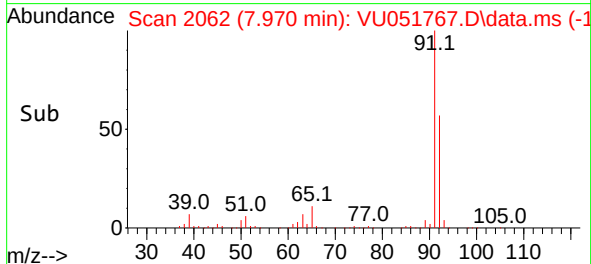
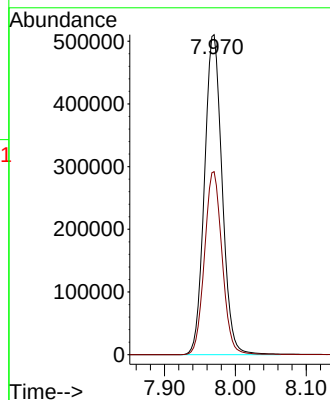
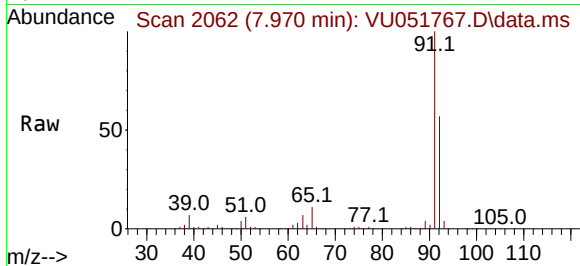
VSTD050118

Tgt Ion: 91 Resp: 883659

Ion Ratio Lower Upper

91 100

92 57.2 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 52.904 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051767.D

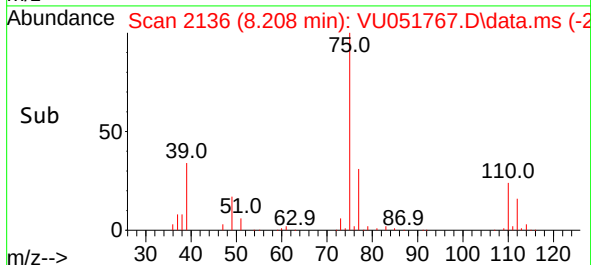
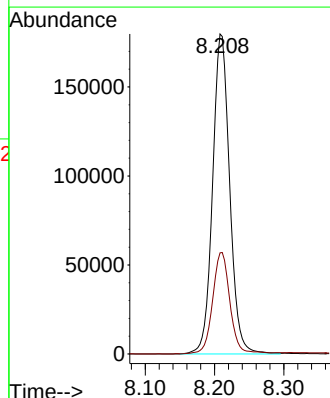
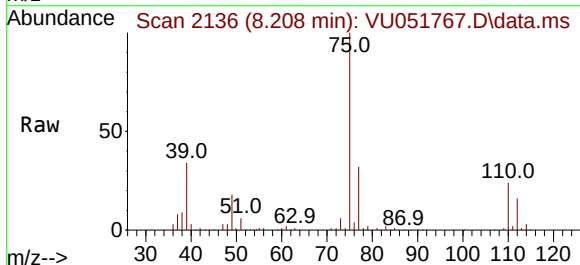
Acq: 07 Nov 2022 14:13

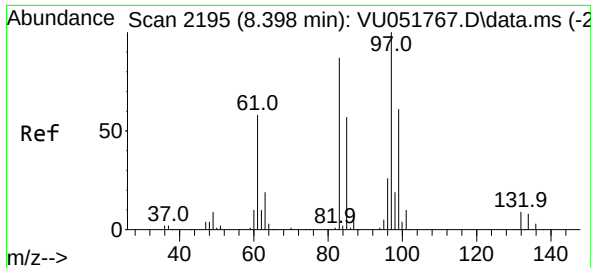
Tgt Ion: 75 Resp: 307616

Ion Ratio Lower Upper

75 100

77 31.6 21.3 39.5



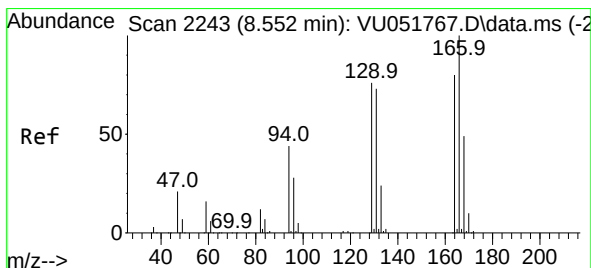
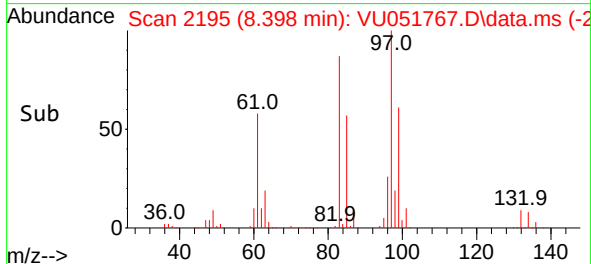
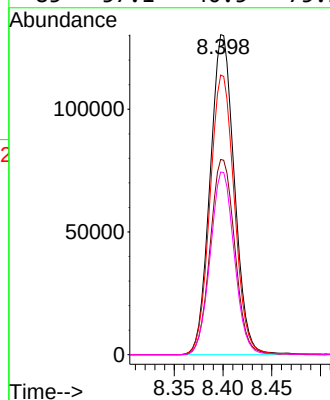
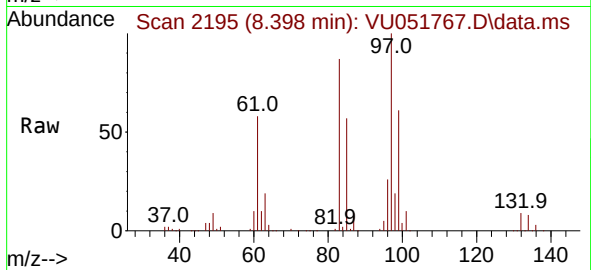


#45
1,1,2-Trichloroethane
Concen: 49.900 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

Tgt Ion: 97 Resp: 225702

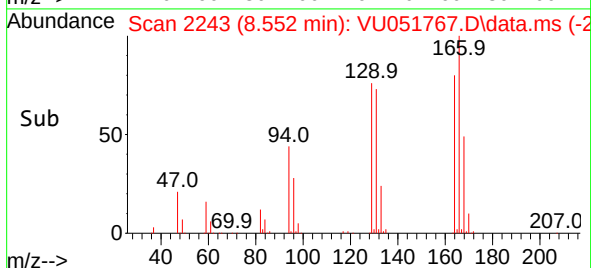
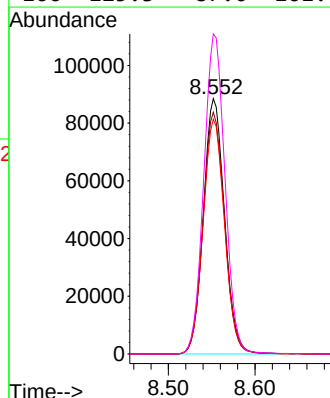
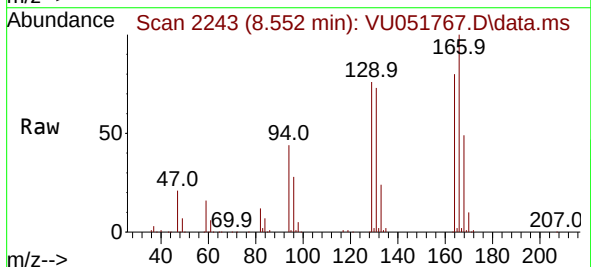
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.6	81.0
83	87.4	61.8	114.8
85	57.1	40.5	75.3

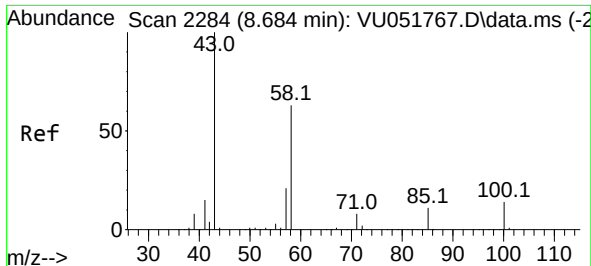


#46
Tetrachloroethene
Concen: 50.413 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 164 Resp: 150058

Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.3	124.9
131	91.9	65.2	121.0
166	125.3	87.0	161.6

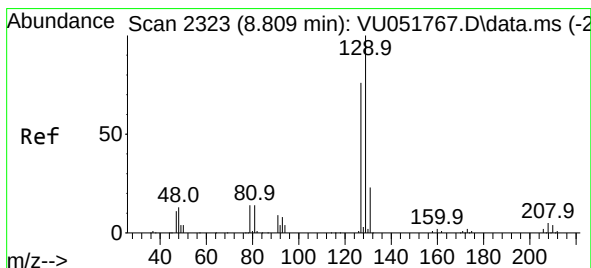
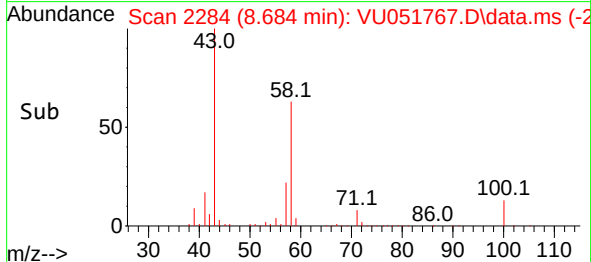
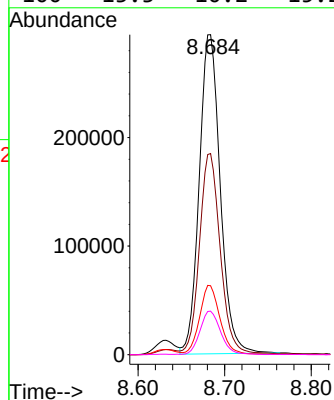
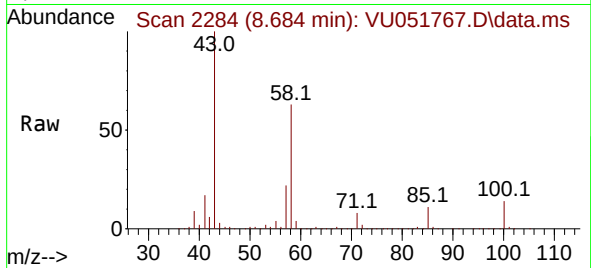




#48
2-Hexanone
Concen: 95.803 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

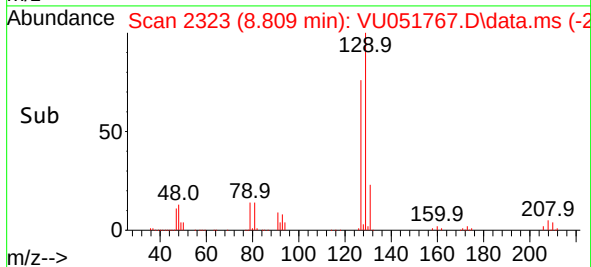
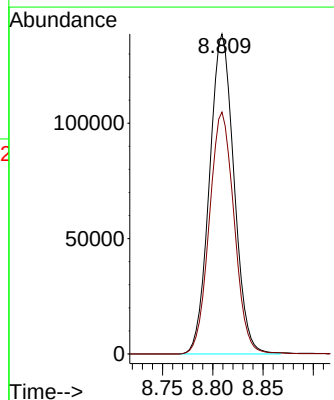
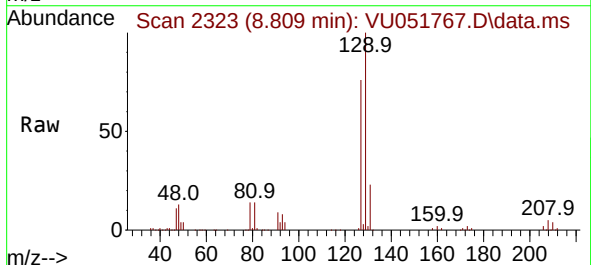
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

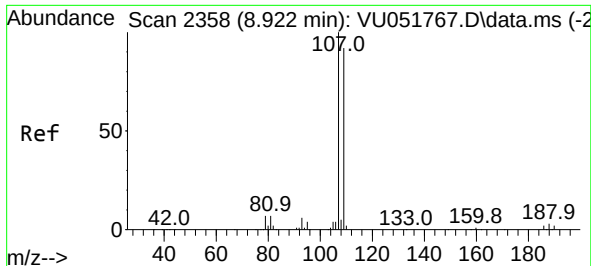
Tgt	Ion: 43	Resp:	495718
Ion	Ratio	Lower	Upper
43	100		
58	62.2	48.2	72.4
57	21.2	16.4	24.6
100	13.3	10.2	15.2



#49
Dibromochloromethane
Concen: 50.941 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt	Ion:129	Resp:	235828
Ion	Ratio	Lower	Upper
129	100		
127	75.6	53.1	98.5

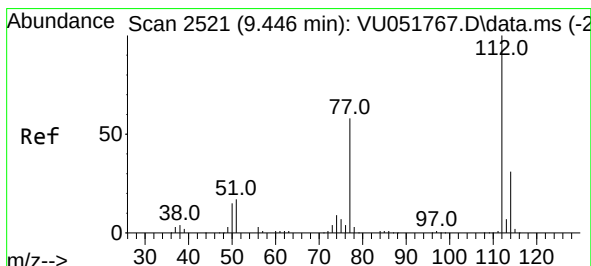
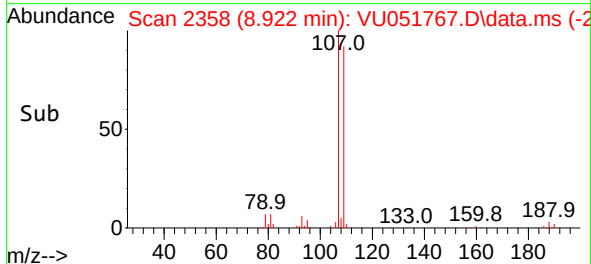
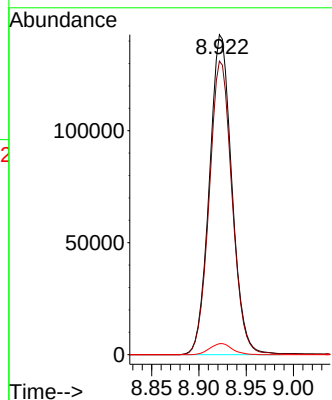
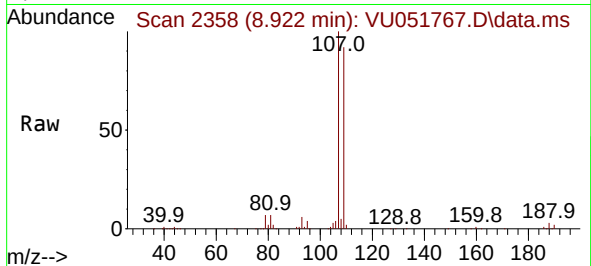




#50
1,2-Dibromoethane
Concen: 51.109 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

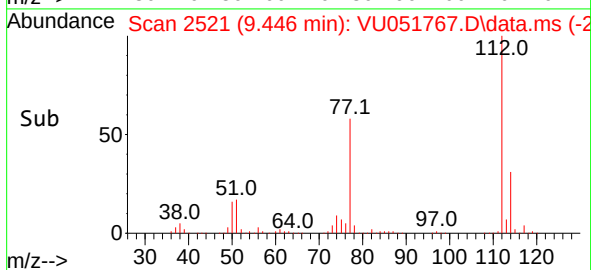
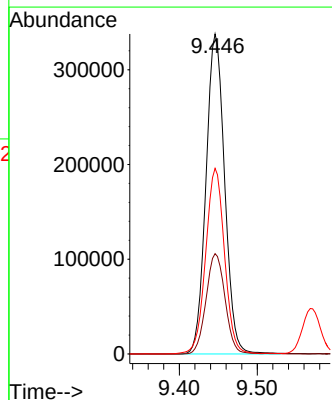
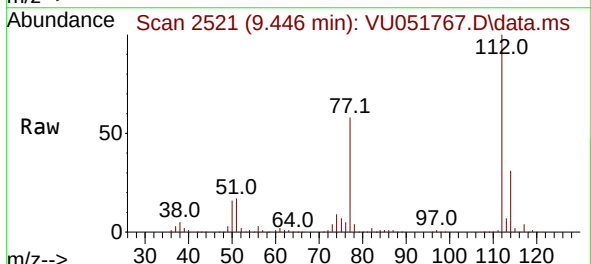
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

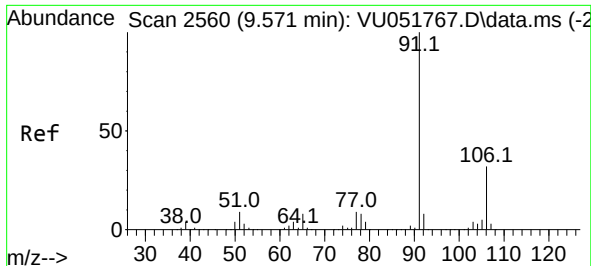
Tgt Ion:107 Resp: 236887
Ion Ratio Lower Upper
107 100
109 91.8 65.8 122.2
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 50.589 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion:112 Resp: 561796
Ion Ratio Lower Upper
112 100
114 31.4 21.9 40.7
77 58.0 47.3 70.9

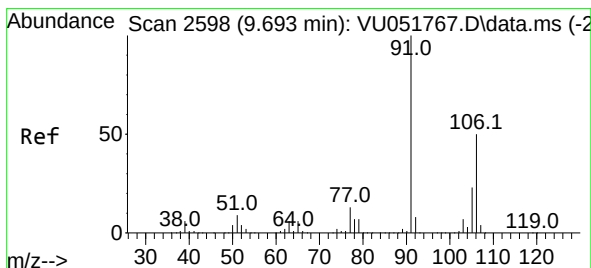
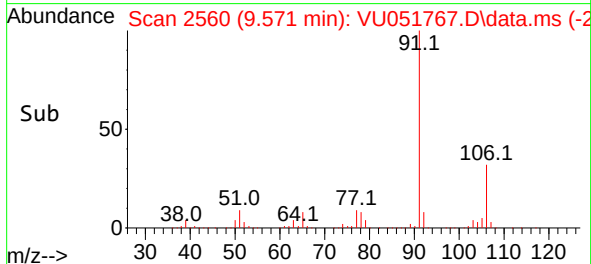
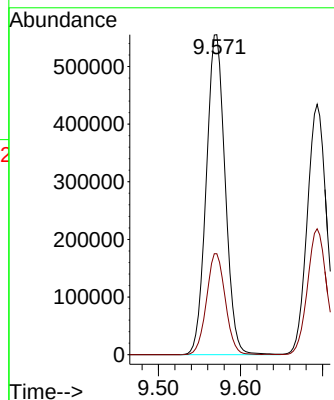
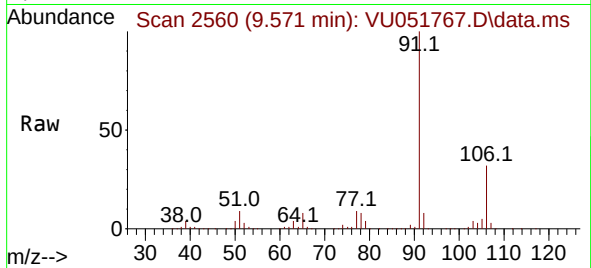




#52
Ethylbenzene
Concen: 51.912 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

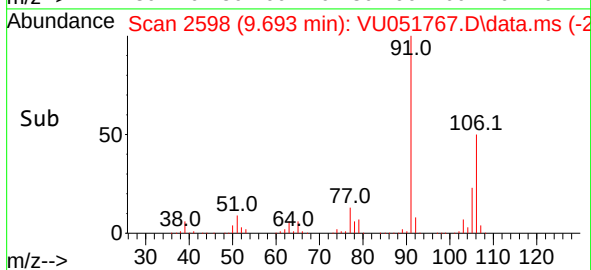
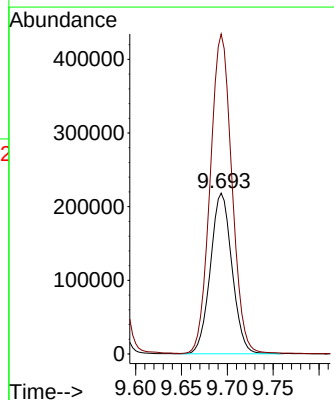
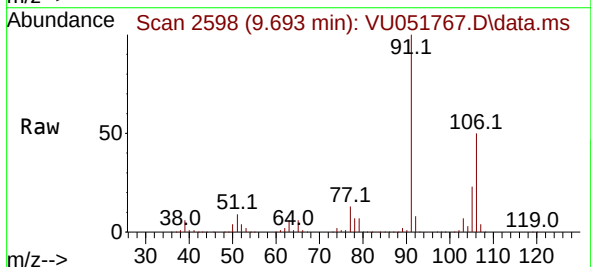
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

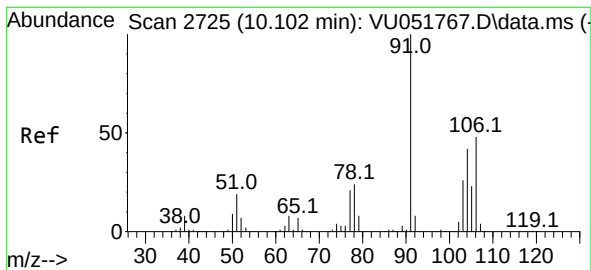
Tgt Ion: 91 Resp: 887761
Ion Ratio Lower Upper
91 100
106 31.6 21.3 39.6



#53
m,p-Xylene
Concen: 54.112 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 106 Resp: 356685
Ion Ratio Lower Upper
106 100
91 198.9 141.3 262.3





#54

o-Xylene

Concen: 53.771 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU051767.D

Acq: 07 Nov 2022 14:13

Instrument :

MSVOA_U

ClientSampleId :

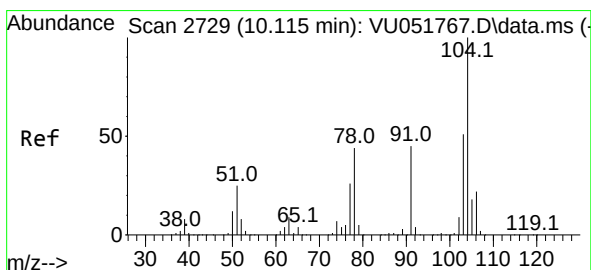
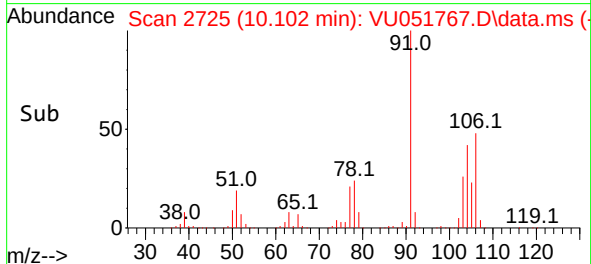
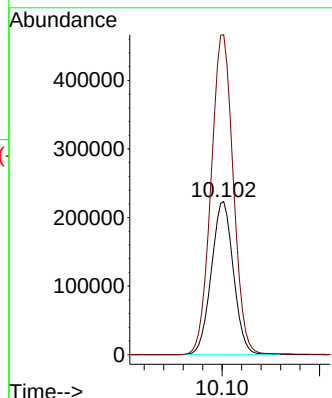
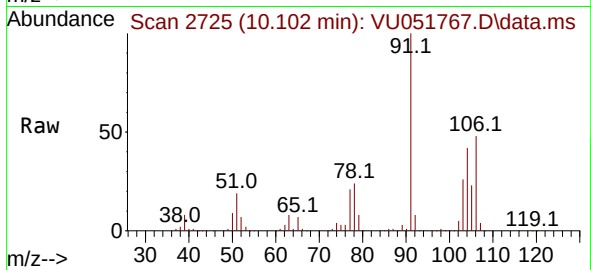
VSTD050118

Tgt Ion:106 Resp: 351577

Ion Ratio Lower Upper

106 100

91 209.0 153.2 284.4



#55

Styrene

Concen: 55.222 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU051767.D

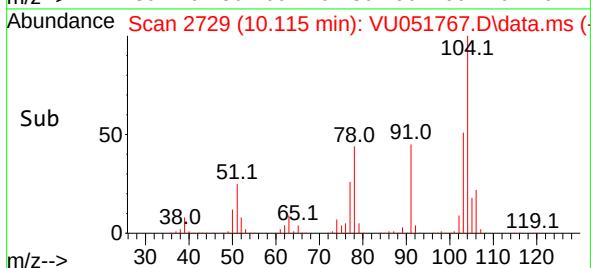
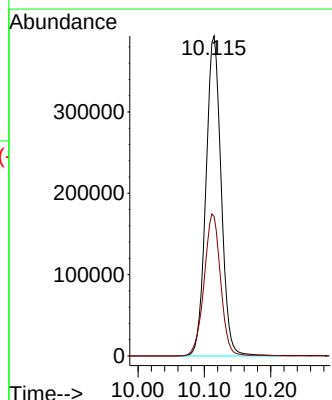
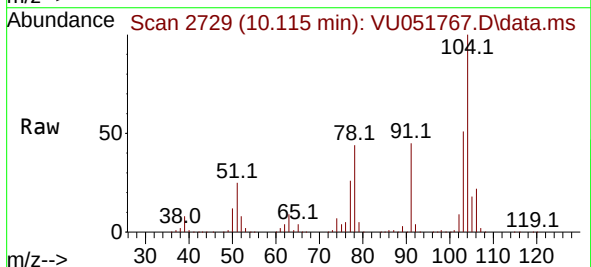
Acq: 07 Nov 2022 14:13

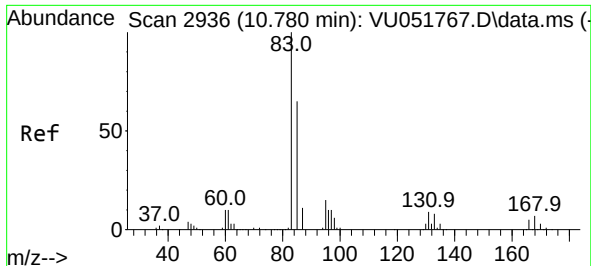
Tgt Ion:104 Resp: 627438

Ion Ratio Lower Upper

104 100

78 43.6 31.8 59.0

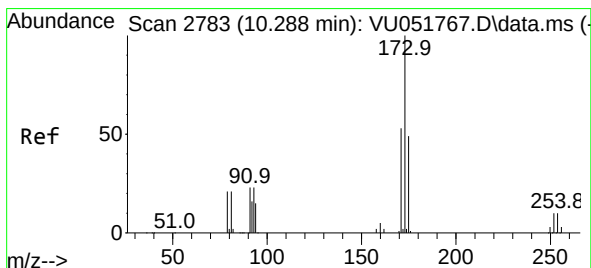
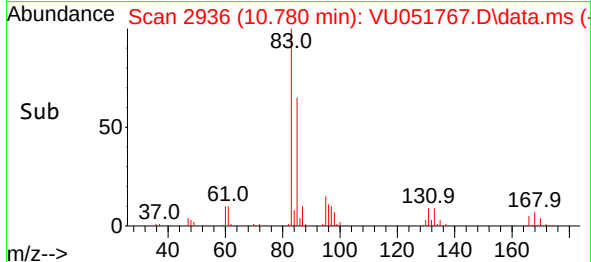
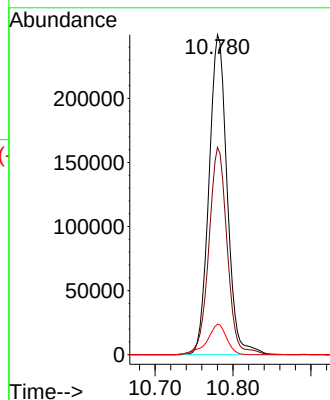
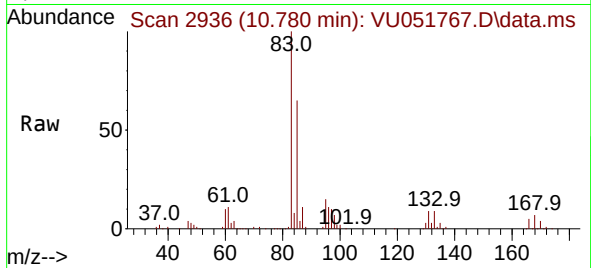




#57
 1,1,2,2-Tetrachloroethane
 Concen: 46.748 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VU051767.D
 Acq: 07 Nov 2022 14:13

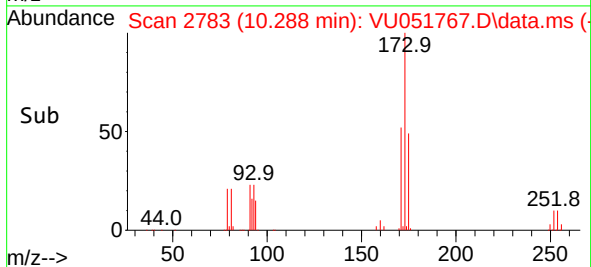
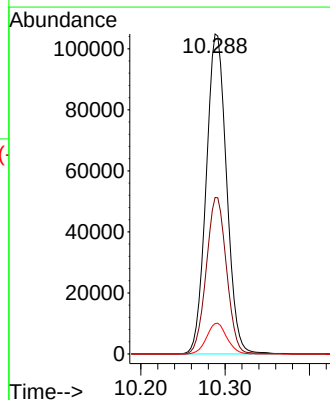
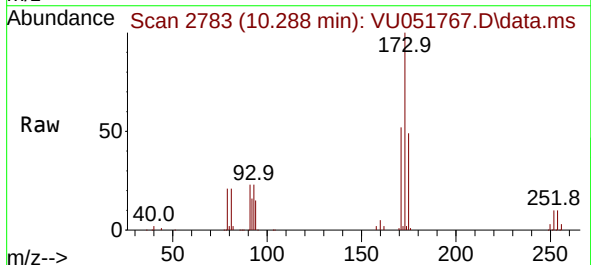
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050118

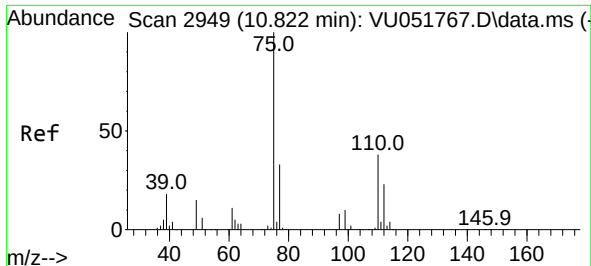
Tgt Ion: 83 Resp: 403468
 Ion Ratio Lower Upper
 83 100
 85 64.8 44.9 83.5
 131 9.5 7.4 11.2



#59
 Bromoform
 Concen: 45.346 ug/L
 RT: 10.288 min Scan# 2783
 Delta R.T. -0.000 min
 Lab File: VU051767.D
 Acq: 07 Nov 2022 14:13

Tgt Ion: 173 Resp: 176457
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.4 57.6
 254 9.5 7.8 11.6

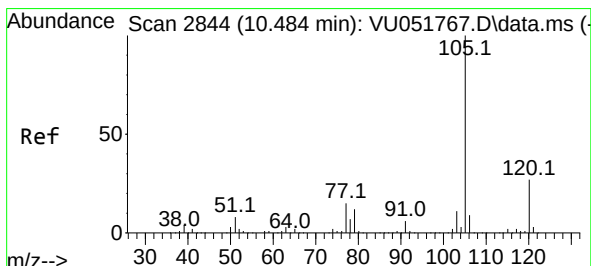
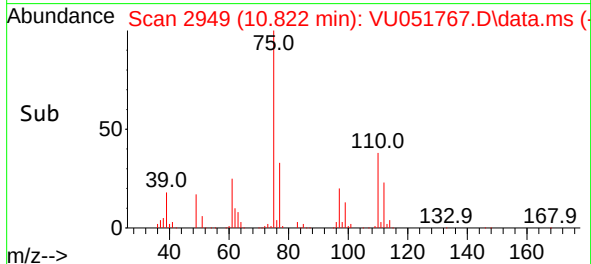
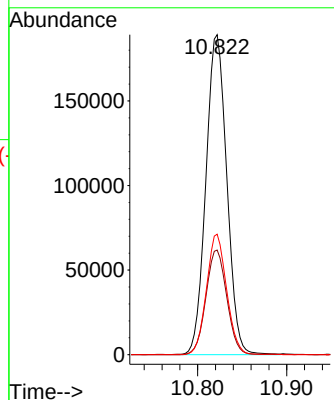
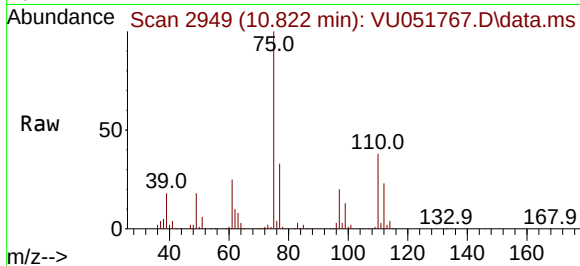




#60
1,2,3-Trichloropropane
Concen: 42.577 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

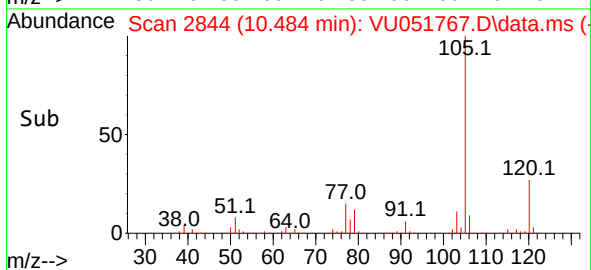
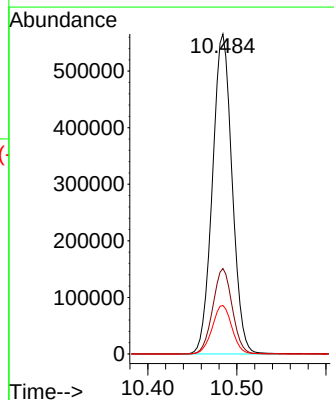
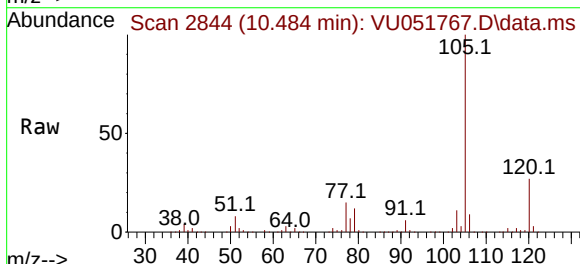
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

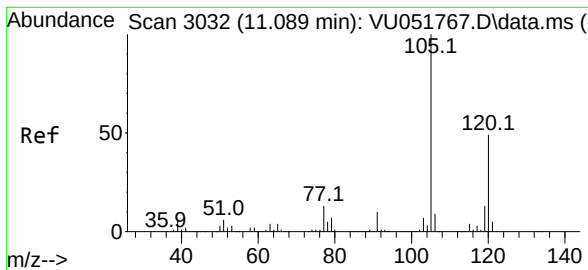
Tgt Ion: 75 Resp: 308283
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 36.3 28.7 43.1



#61
Isopropylbenzene
Concen: 49.416 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 105 Resp: 867052
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 15.2 12.6 19.0

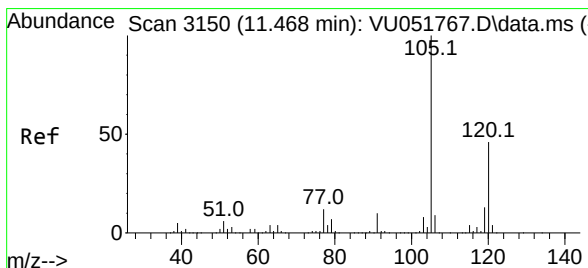
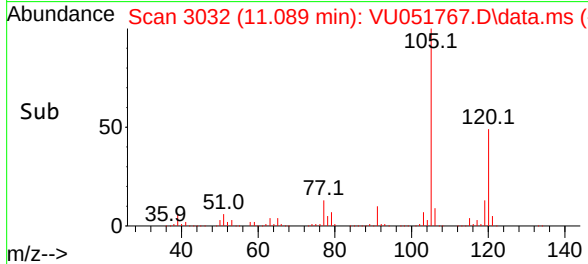
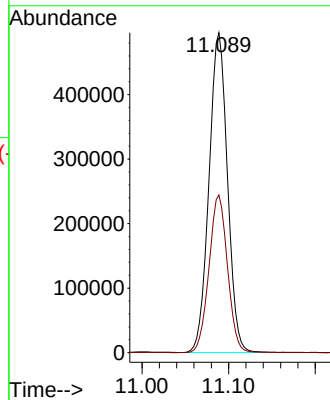
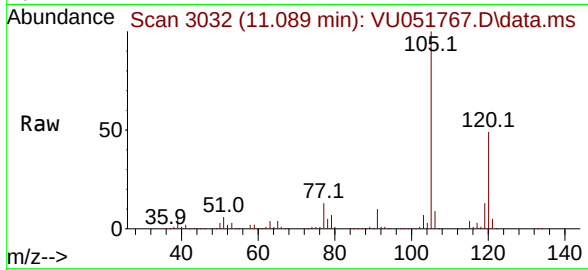




#62
 1,3,5-Trimethylbenzene
 Concen: 49.288 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU051767.D
 Acq: 07 Nov 2022 14:13

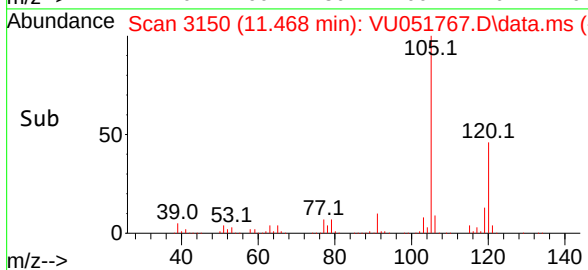
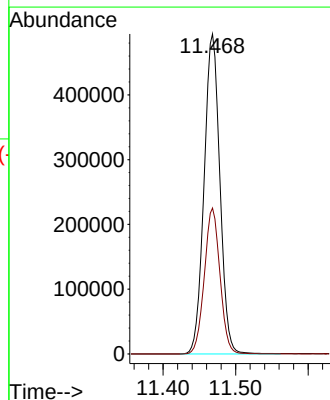
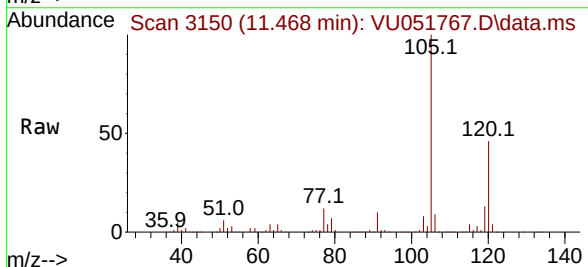
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050118

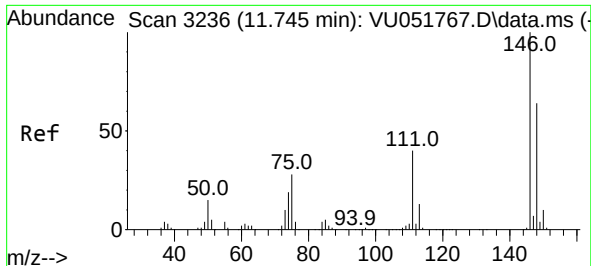
Tgt Ion:105 Resp: 734623
 Ion Ratio Lower Upper
 105 100
 120 49.4 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 50.940 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU051767.D
 Acq: 07 Nov 2022 14:13

Tgt Ion:105 Resp: 747612
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.4 53.0

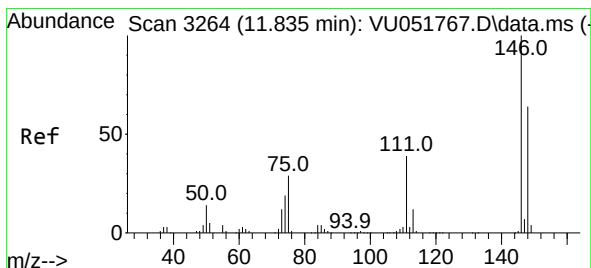
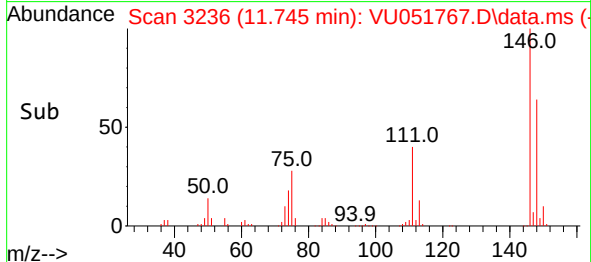
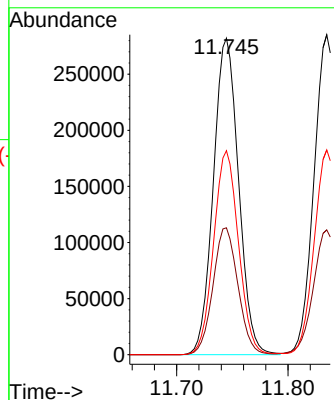
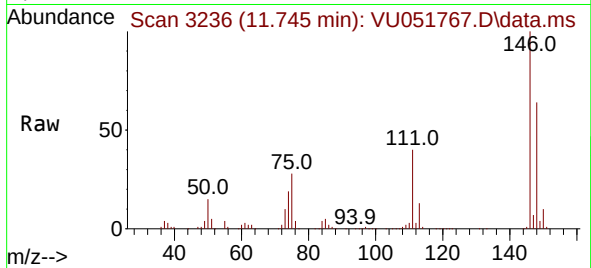




#64
1,3-Dichlorobenzene
Concen: 49.523 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

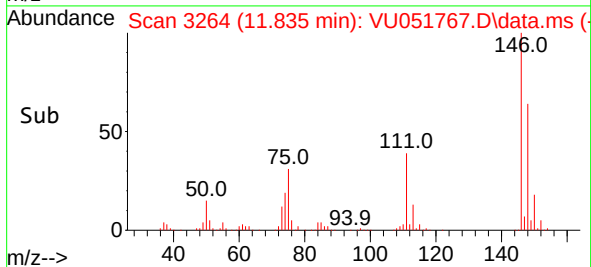
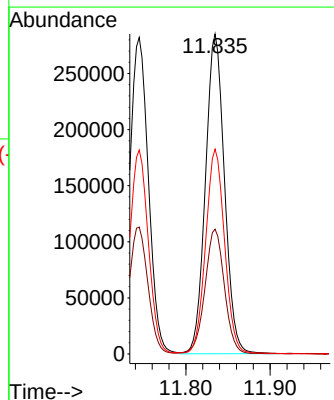
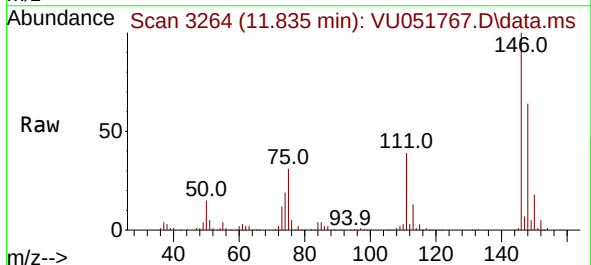
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

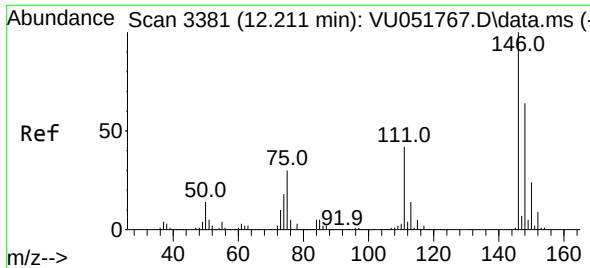
Tgt Ion:146 Resp: 443542
Ion Ratio Lower Upper
146 100
111 40.1 28.7 53.3
148 64.5 43.2 80.2



#65
1,4-Dichlorobenzene
Concen: 48.686 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion:146 Resp: 448434
Ion Ratio Lower Upper
146 100
111 39.0 28.9 53.7
148 64.0 44.6 82.8

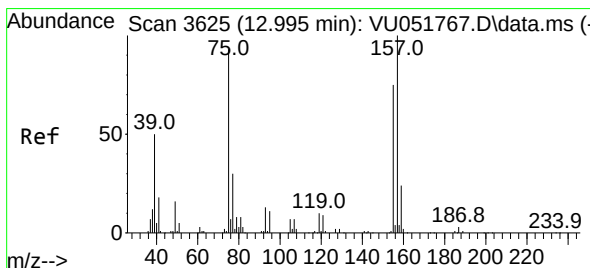
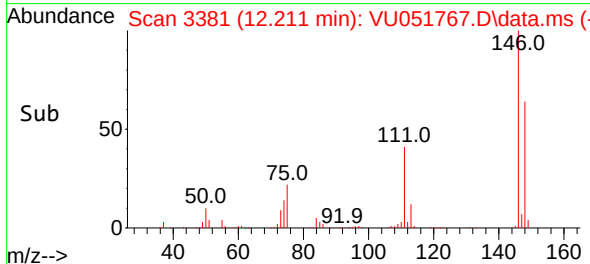
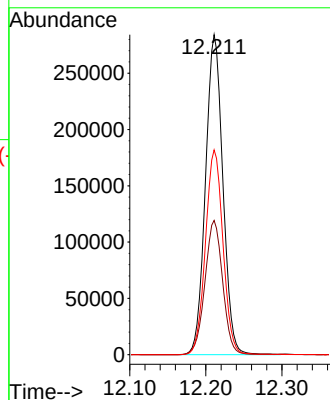
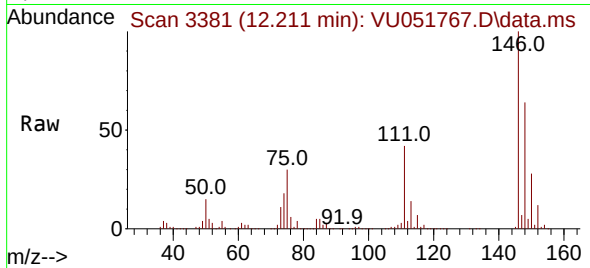




#67
1,2-Dichlorobenzene
Concen: 48.372 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

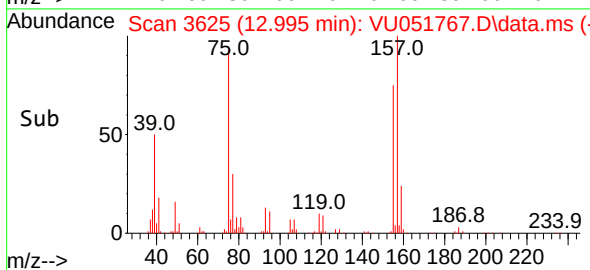
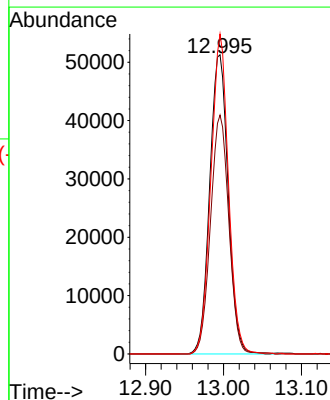
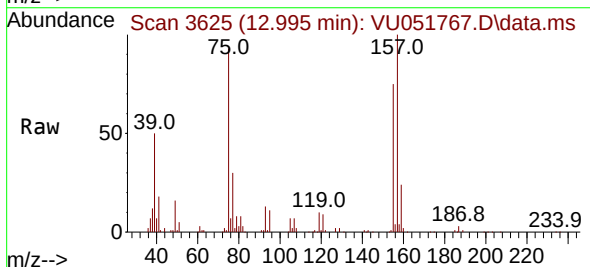
Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

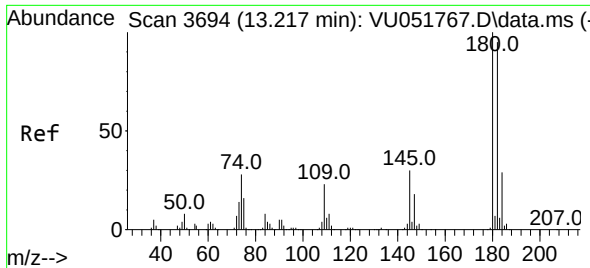
Tgt Ion:146 Resp: 451293
Ion Ratio Lower Upper
146 100
111 41.9 35.3 52.9
148 64.0 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 43.311 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion: 75 Resp: 84640
Ion Ratio Lower Upper
75 100
155 79.9 62.5 93.7
157 107.0 81.6 122.4

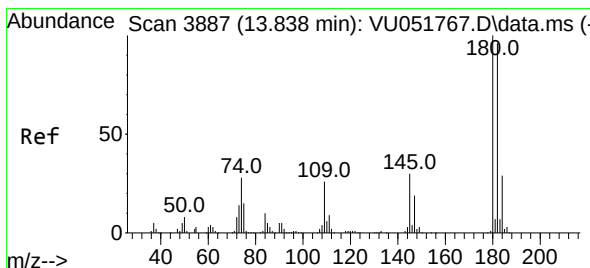
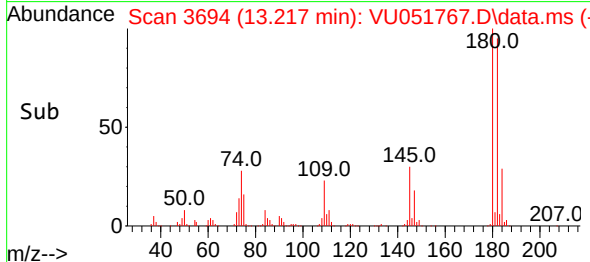
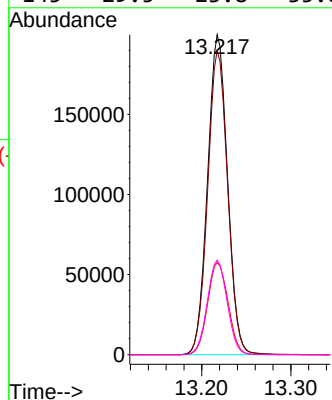
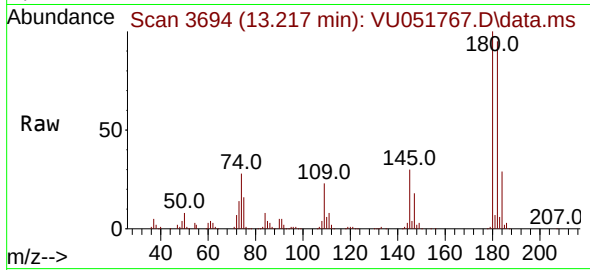




#69
 1,3,5-Trichlorobenzene
 Concen: 51.788 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051767.D
 Acq: 07 Nov 2022 14:13

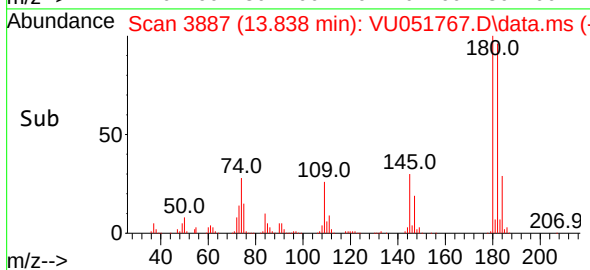
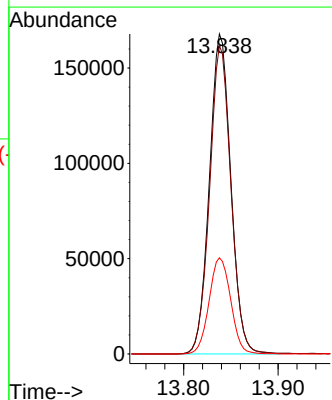
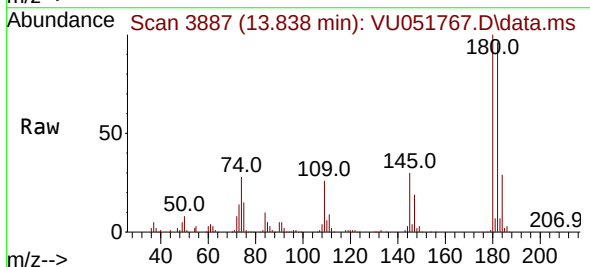
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050118

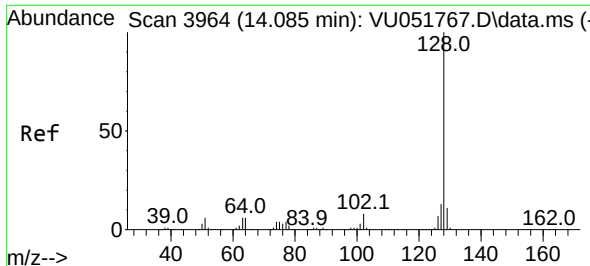
Tgt Ion:180 Resp: 311151
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.6 113.4
 184 29.5 23.9 35.9
 145 29.5 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 57.157 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051767.D
 Acq: 07 Nov 2022 14:13

Tgt Ion:180 Resp: 264390
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.2 114.4
 145 30.3 25.0 37.6

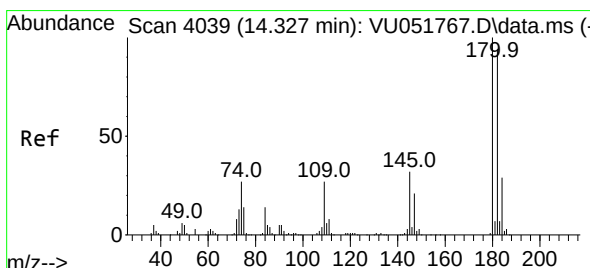
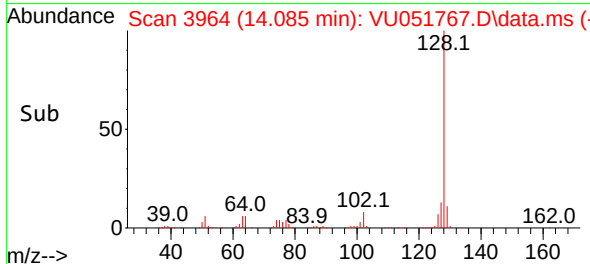
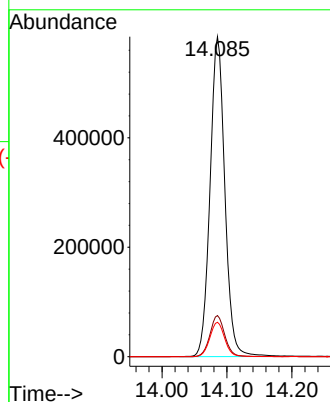
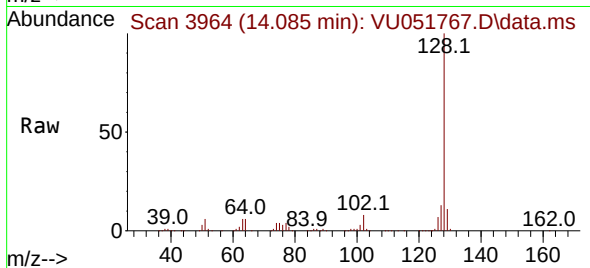




#71
Naphthalene
Concen: 62.596 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Instrument :
MSVOA_U
ClientSampleId :
VSTD050118

Tgt Ion:128 Resp: 926740
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 59.828 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051767.D
Acq: 07 Nov 2022 14:13

Tgt Ion:180 Resp: 297070
Ion Ratio Lower Upper
180 100
182 95.4 75.4 113.2
145 31.9 25.3 37.9

