

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U030922\
 Data File : U047407.D
 Acq On : 09 Mar 2022 15:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005091

Quant Time: Mar 10 00:47:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	175116	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	165855	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46847	4.933	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.919	69	34687	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.571	65	20521	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.645	46	84649	50.060	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.120%
24) Chloroform-d	5.070	84	74015	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.706	65	37182	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.732	84	155325	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.693	67	45840	4.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.899	98	154623	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.182	79	19808	5.055	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.635	63	89916	52.090	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39834	4.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	60295	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	66966	5.107	ug/L	100
3) Chloromethane	1.526	50	64092	4.895	ug/L	99
5) Vinyl chloride	1.607	62	65153	5.059	ug/L	98
6) Bromomethane	1.864	94	37536	5.112	ug/L	98
8) Chloroethane	1.941	64	38856	4.968	ug/L	98
9) Trichlorofluoromethane	2.144	101	87196	5.139	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	55255	5.274	ug/L	100
12) 1,1-Dichloroethene	2.587	96	51696	5.028	ug/L	97
13) Acetone	2.661	43	76430	49.195	ug/L	98
14) Carbon disulfide	2.800	76	158114	5.010	ug/L	100
15) Methyl Acetate	2.964	43	24117	5.874	ug/L	96
16) Methylene chloride	3.050	84	56565	4.609	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	132156	4.984	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	55392	5.032	ug/L	98
19) 1,1-Dichloroethane	3.874	63	93616	5.001	ug/L	100
21) 2-Butanone	4.726	43	141623	50.619	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	61380	5.032	ug/L	99
23) Bromochloromethane	4.980	128	30015	5.150	ug/L	98
25) Chloroform	5.092	83	101093	4.987	ug/L	97

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

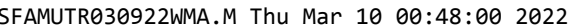
Instrument :
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 ClientSampleId :
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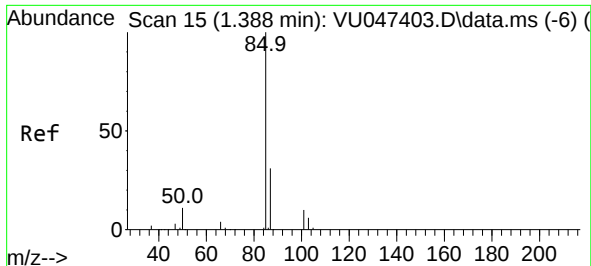
Quant Time: Mar 10 00:47:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:41:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	64660	4.955	ug/L	99
29) 1,1,1-Trichloroethane	5.320	97	88074	5.140	ug/L	99
30) Cyclohexane	5.391	56	85094	5.155	ug/L	99
31) Carbon tetrachloride	5.529	117	78280	5.201	ug/L	99
33) Benzene	5.777	78	225465	5.033	ug/L	100
34) Trichloroethene	6.542	95	60755	5.074	ug/L	98
35) Methylcyclohexane	6.764	83	98537	5.217	ug/L	99
37) 1,2-Dichloropropane	6.793	63	57289	5.135	ug/L	100
38) Bromodichloromethane	7.108	83	74345	5.020	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	89515	5.293	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	405348	53.303	ug/L	99
42) Toluene	7.970	91	254590	5.232	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	79135	5.188	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	48219	5.274	ug/L	99
47) Tetrachloroethene	8.555	164	52626	5.181	ug/L	97
48) 2-Hexanone	8.687	43	297389	53.902	ug/L	99
49) Dibromochloromethane	8.812	129	57017	5.134	ug/L	95
50) 1,2-Dibromoethane	8.925	107	48413	5.204	ug/L	98
51) Chlorobenzene	9.446	112	166369	5.111	ug/L	100
52) Ethylbenzene	9.571	91	274921	5.217	ug/L	98
53) m,p-Xylene	9.693	106	109287	5.286	ug/L	100
54) o-Xylene	10.102	106	103538	5.169	ug/L	100
55) Styrene	10.114	104	176753	5.220	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	62029	5.068	ug/L	100
59) Bromoform	10.291	173	36889	5.154	ug/L	99
60) Isopropylbenzene	10.484	105	275755	5.184	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	44075	5.005	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	181066	5.190	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	235151	5.196	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	145218	5.151	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	144943	5.063	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	138493	5.113	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	10347	5.212	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	124788	5.397	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	109516	5.314	ug/L	100
71) Naphthalene	14.085	128	200450	5.437	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	101097	5.349	ug/L	99

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

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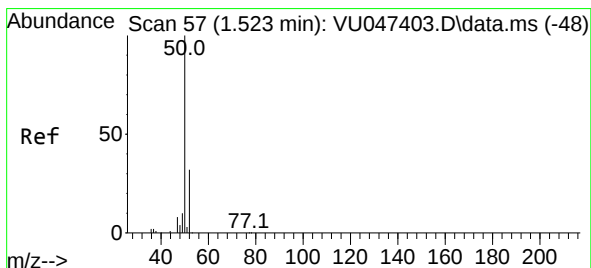
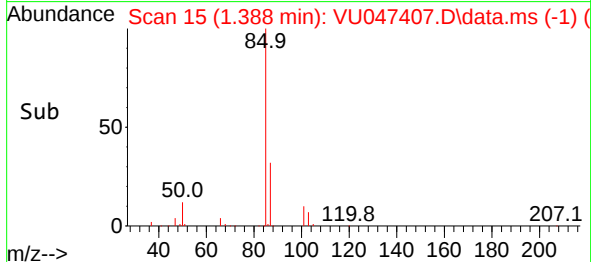
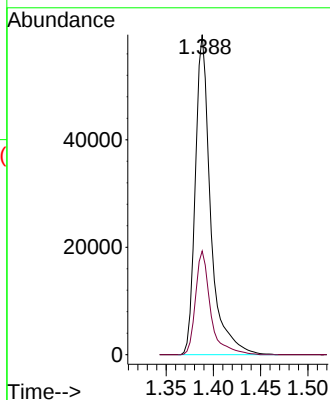
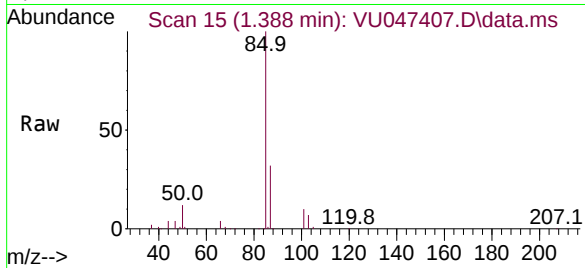




#2
Dichlorodifluoromethane
Concen: 5.107 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

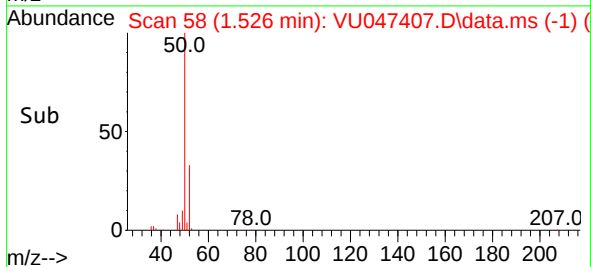
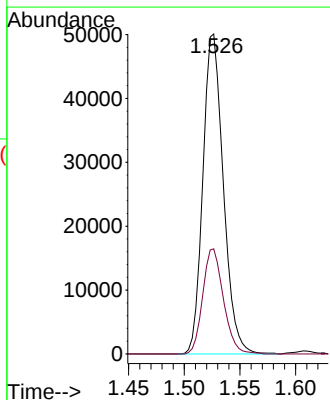
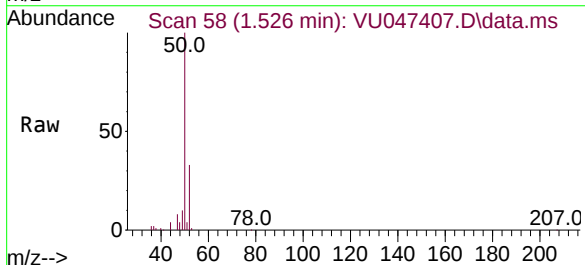
Instrument :
MSVOA_U
ClientSampleId :
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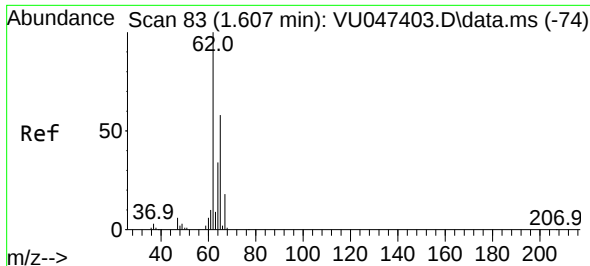
Tgt Ion: 85 Resp: 66966
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4



#3
Chloromethane
Concen: 4.895 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 50 Resp: 64092
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.9

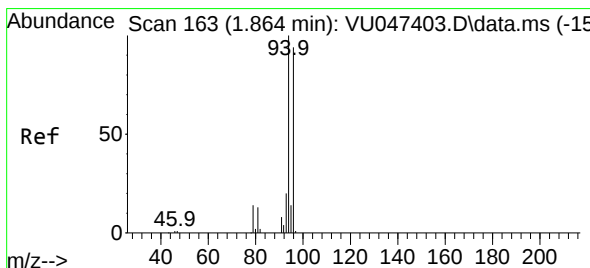
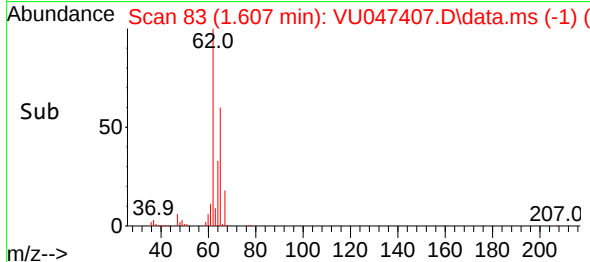
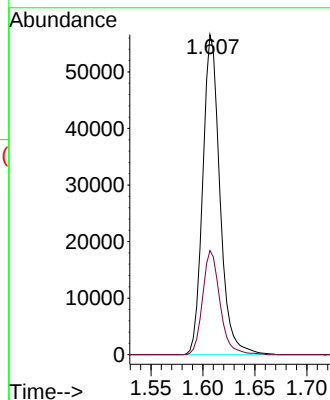
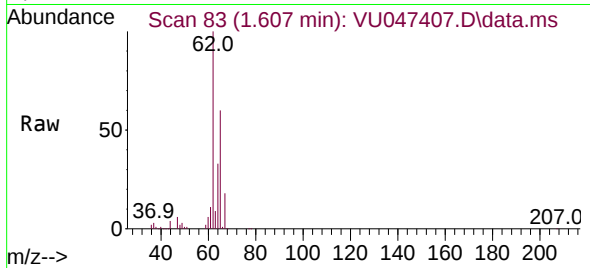




#5
 Vinyl chloride
 Concen: 5.059 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047407.D
 Acq: 09 Mar 2022 15:45

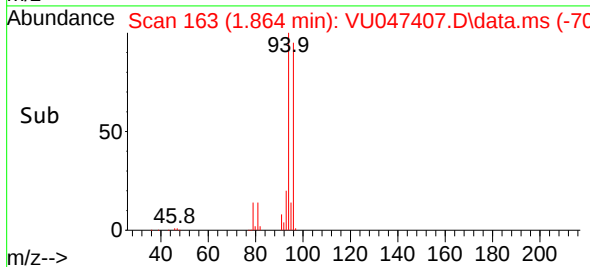
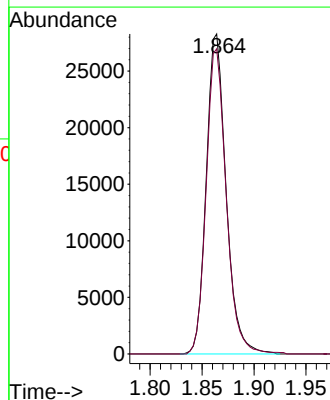
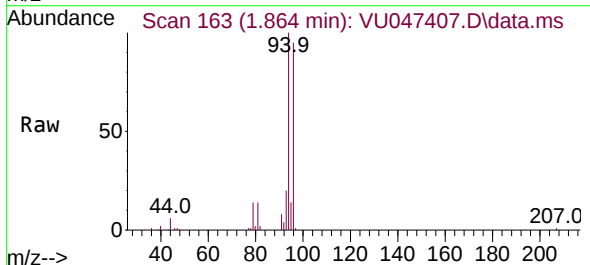
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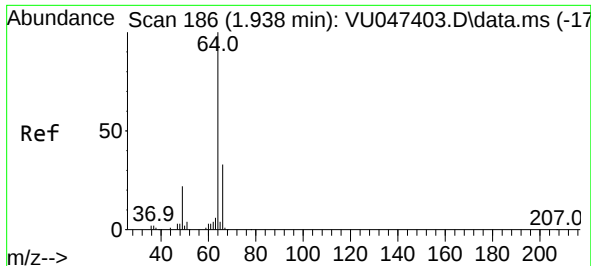
Tgt Ion: 62 Resp: 65153
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.7 43.9



#6
 Bromomethane
 Concen: 5.112 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047407.D
 Acq: 09 Mar 2022 15:45

Tgt Ion: 94 Resp: 37536
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.6 121.8

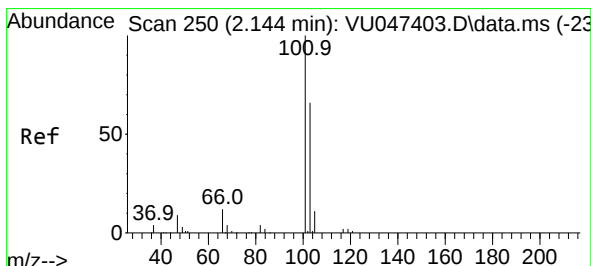
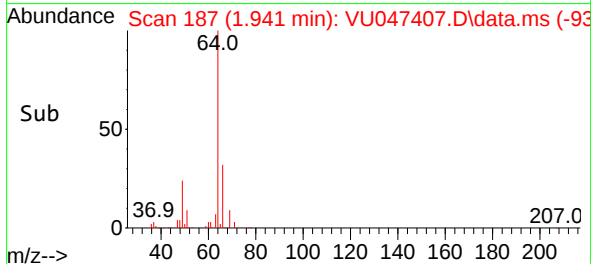
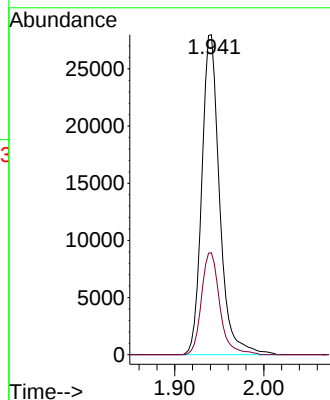
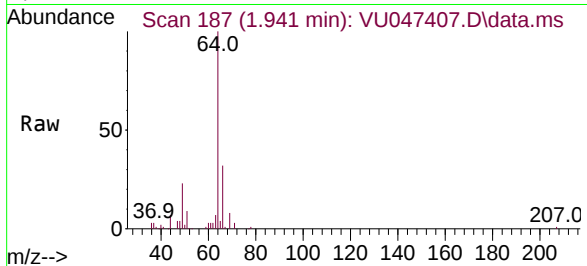




#8
Chloroethane
Concen: 4.968 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

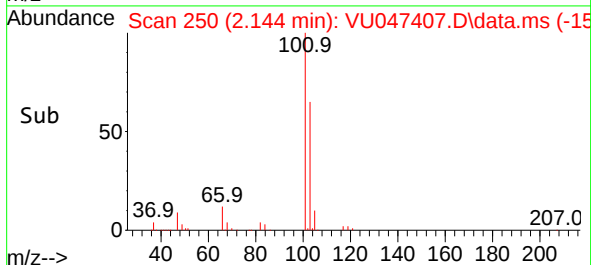
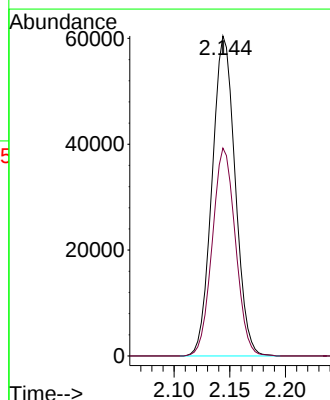
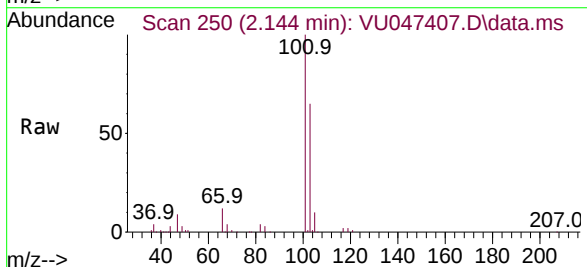
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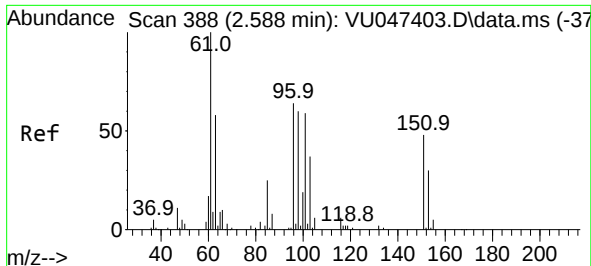
Tgt Ion: 64 Resp: 38856
Ion Ratio Lower Upper
64 100
66 31.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.139 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 101 Resp: 87196
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

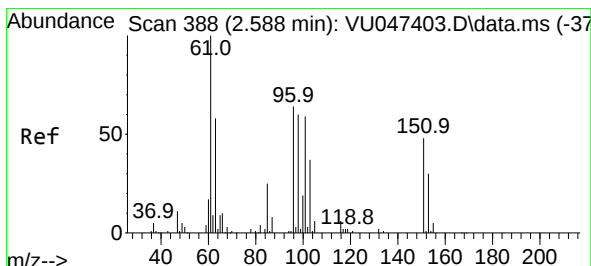
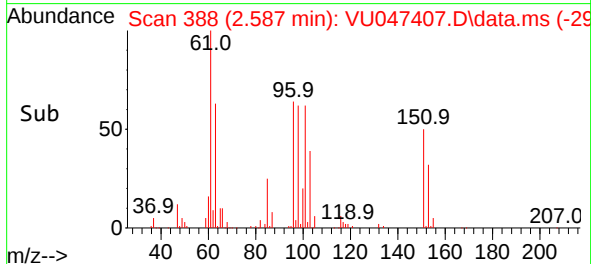
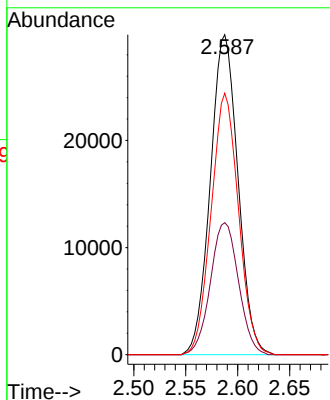
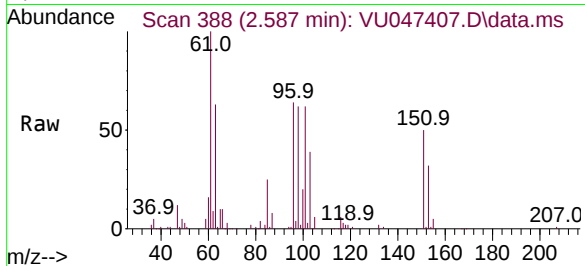




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.274 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047407.D
 Acq: 09 Mar 2022 15:45

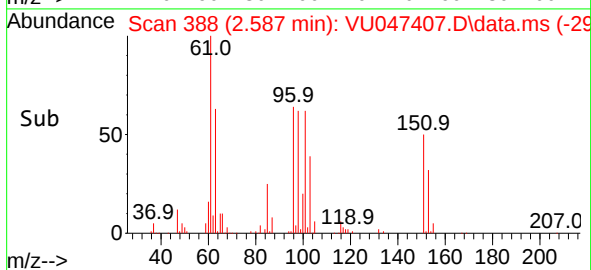
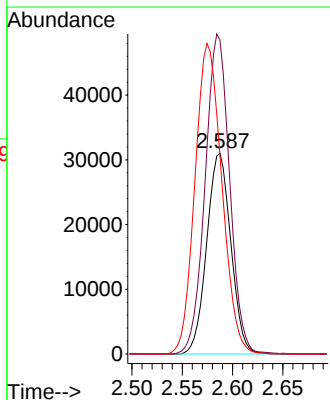
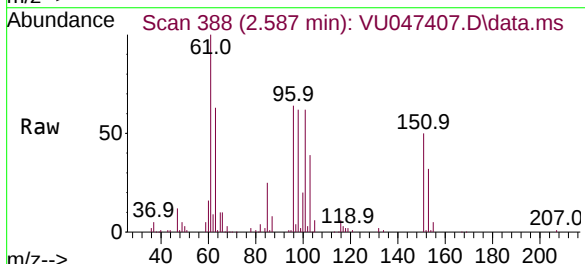
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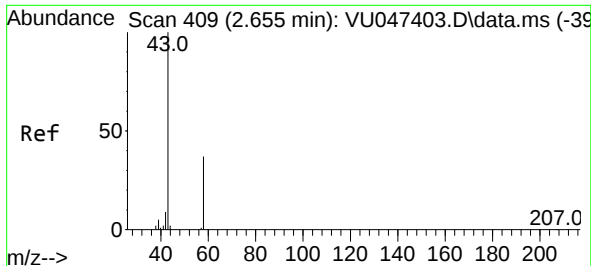
Tgt Ion:101 Resp: 55255
 Ion Ratio Lower Upper
 101 100
 85 42.0 33.8 50.6
 151 80.7 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 5.028 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047407.D
 Acq: 09 Mar 2022 15:45

Tgt Ion: 96 Resp: 51696
 Ion Ratio Lower Upper
 96 100
 61 156.4 108.8 202.0
 63 98.5 64.0 119.0





#13

Acetone

Concen: 49.195 ug/L

RT: 2.661 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

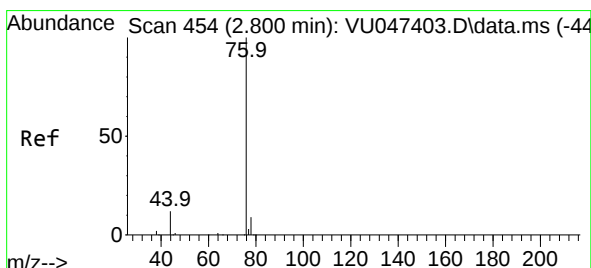
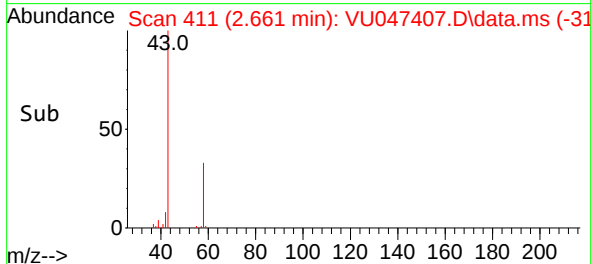
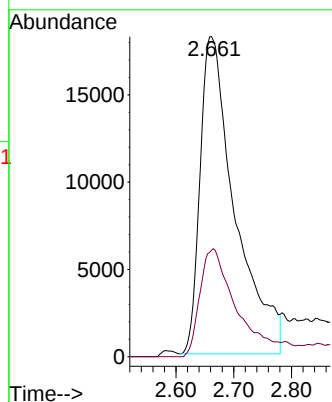
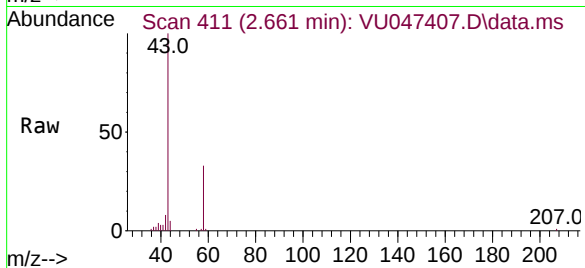
VSTD005091

Tgt Ion: 43 Resp: 76430

Ion Ratio Lower Upper

43 100

58 35.4 0.0 72.6



#14

Carbon disulfide

Concen: 5.010 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047407.D

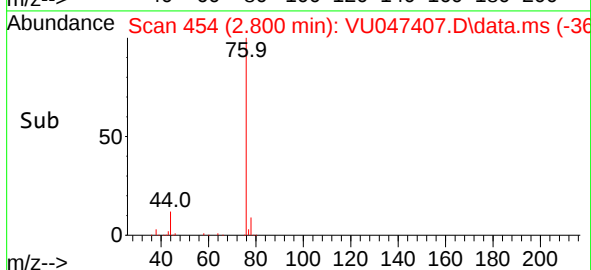
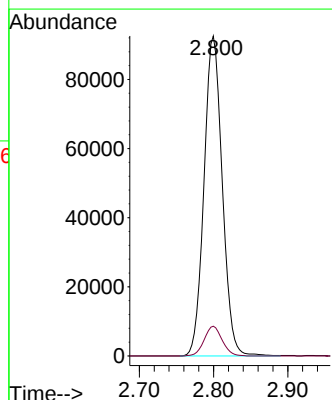
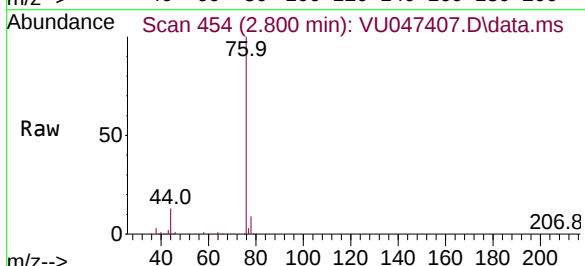
Acq: 09 Mar 2022 15:45

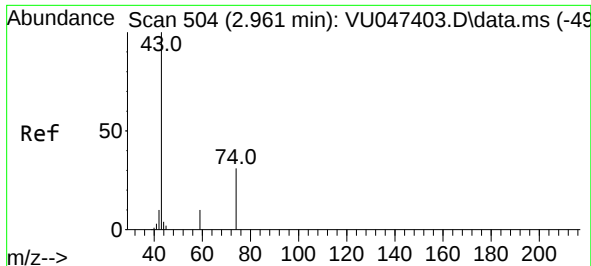
Tgt Ion: 76 Resp: 158114

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

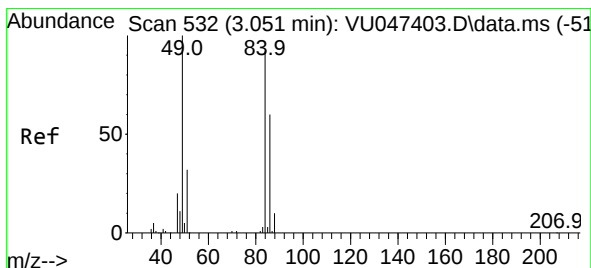
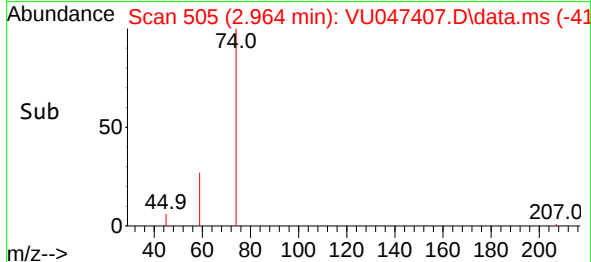
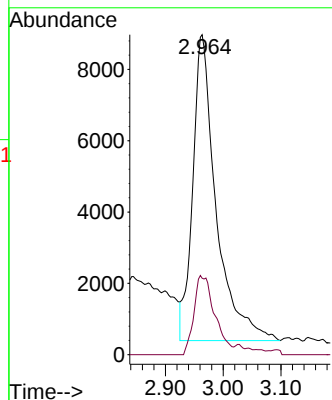
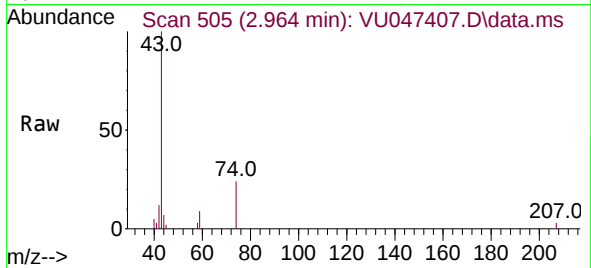




#15
Methyl Acetate
Concen: 5.874 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

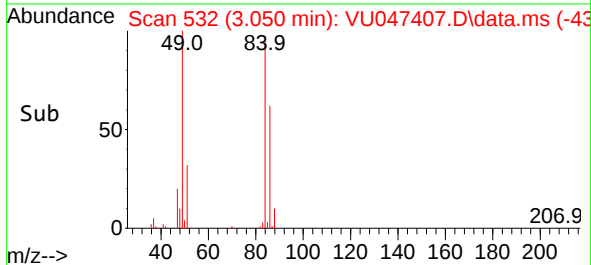
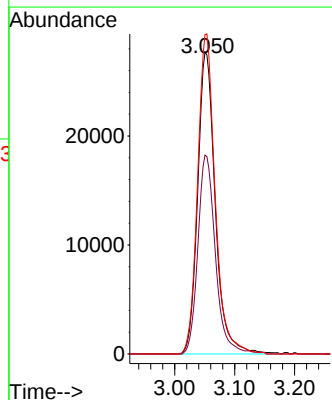
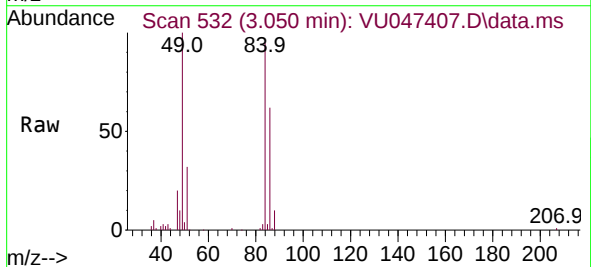
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

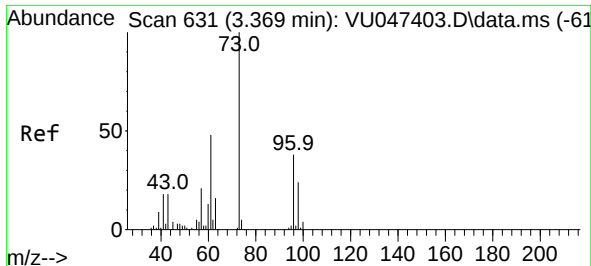
Tgt Ion: 43 Resp: 24117
Ion Ratio Lower Upper
43 100
74 23.1 20.2 30.2



#16
Methylene chloride
Concen: 4.609 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 84 Resp: 56565
Ion Ratio Lower Upper
84 100
86 65.9 45.9 85.3
49 105.8 76.4 141.8

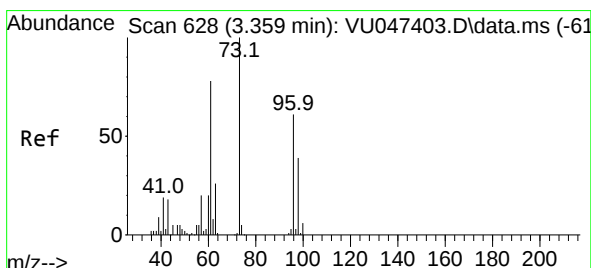
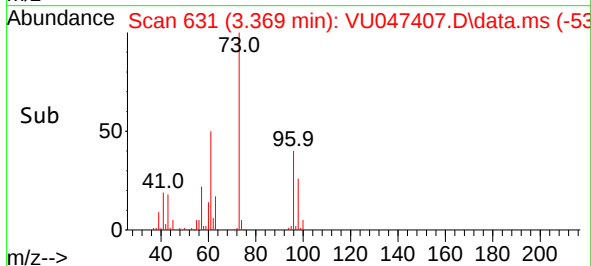
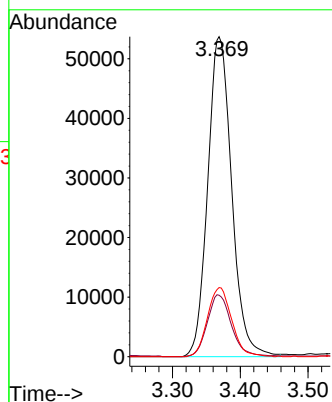
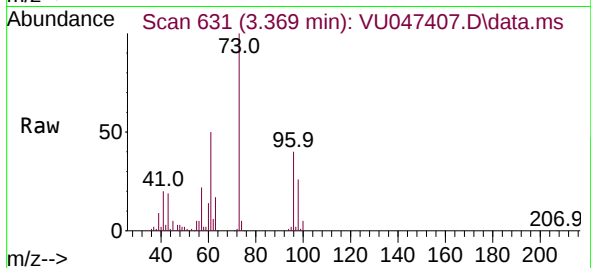




#17
Methyl tert-butyl Ether
Concen: 4.984 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

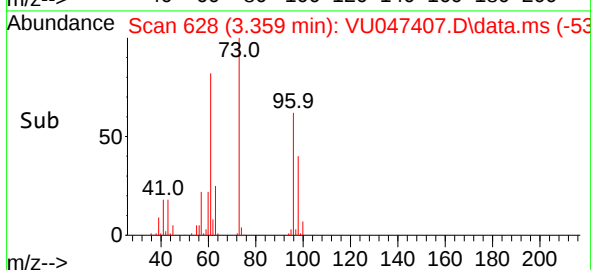
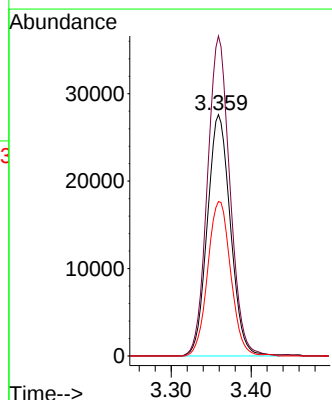
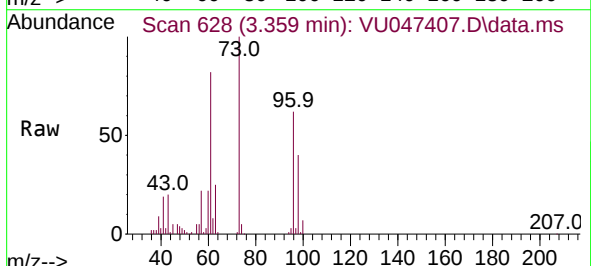
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

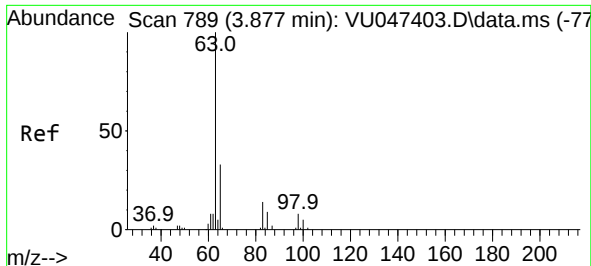
Tgt Ion: 73 Resp: 132156
Ion Ratio Lower Upper
73 100
43 19.5 14.6 22.0
57 21.8 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.032 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 96 Resp: 55392
Ion Ratio Lower Upper
96 100
61 132.6 90.4 167.8
98 64.0 45.0 83.6

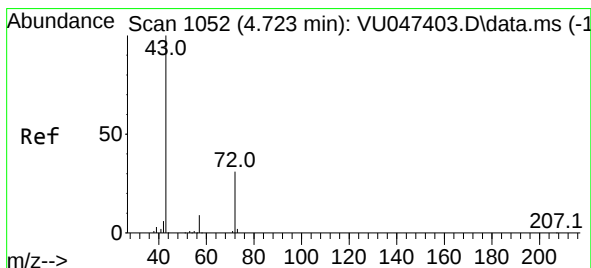
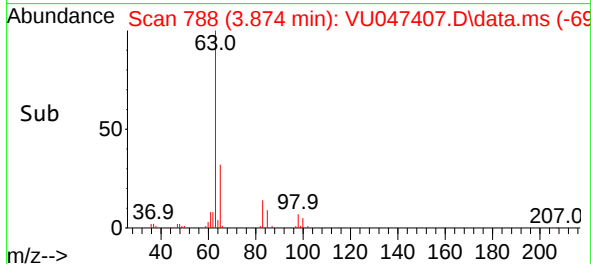
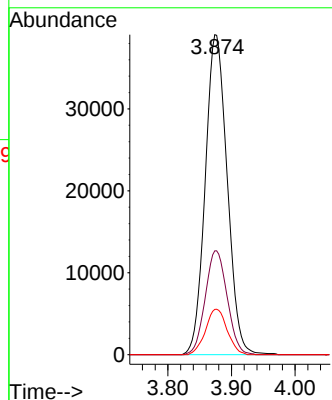
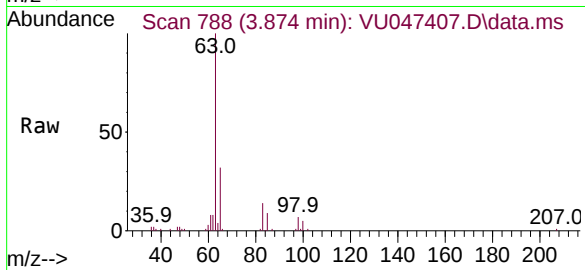




#19
1,1-Dichloroethane
Concen: 5.001 ug/L
RT: 3.874 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

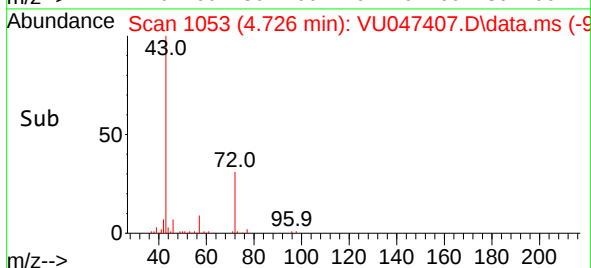
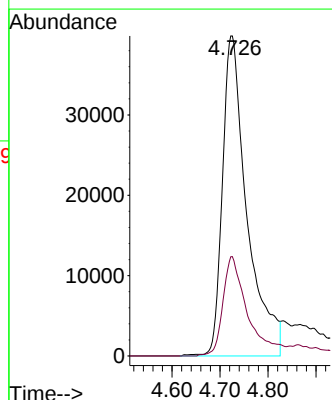
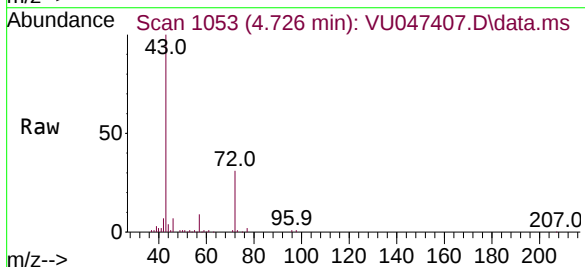
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

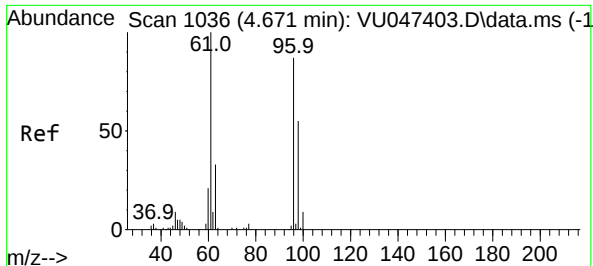
Tgt Ion: 63 Resp: 93616
Ion Ratio Lower Upper
63 100
65 32.5 22.8 42.4
83 14.1 9.9 18.3



#21
2-Butanone
Concen: 50.619 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.003 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 43 Resp: 141623
Ion Ratio Lower Upper
43 100
72 31.4 14.7 44.1

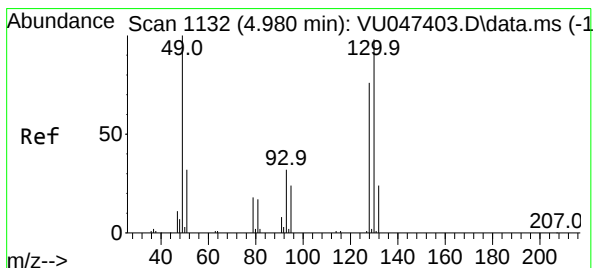
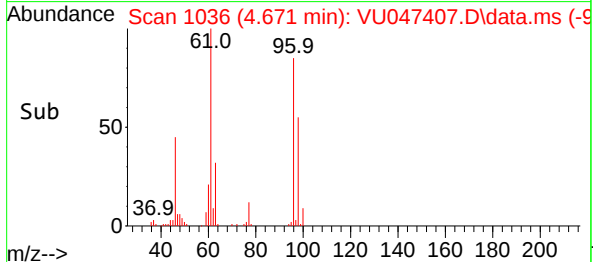
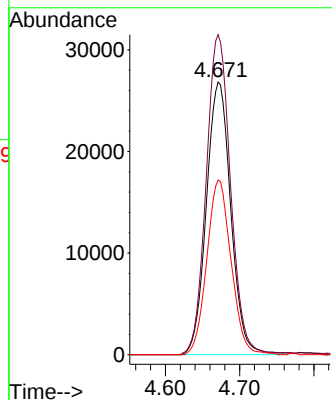
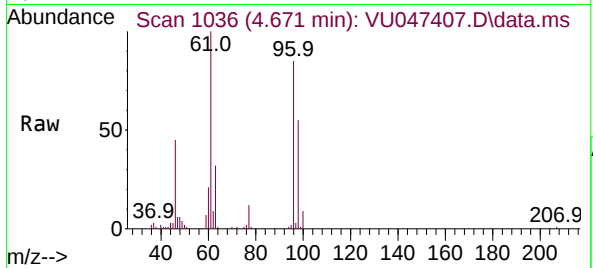




#22
cis-1,2-Dichloroethene
Concen: 5.032 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

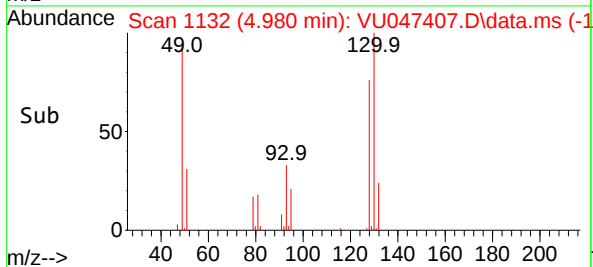
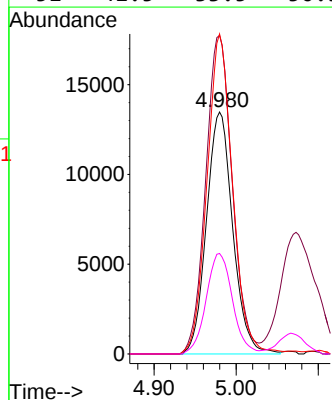
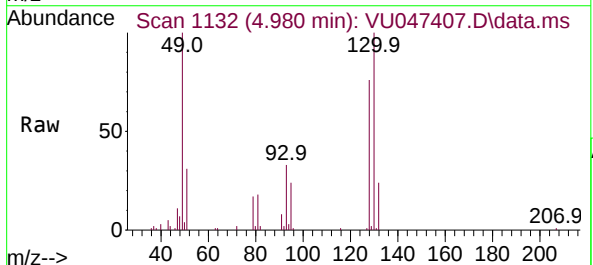
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

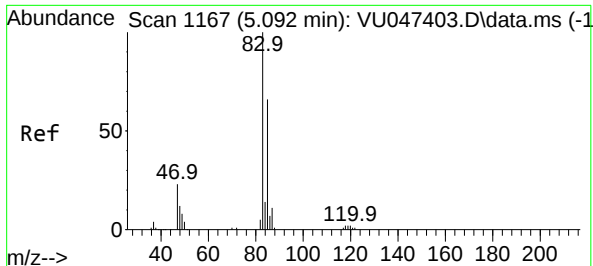
Tgt Ion: 96 Resp: 61380
Ion Ratio Lower Upper
96 100
61 117.4 80.8 150.0
98 64.1 44.7 83.1



#23
Bromochloromethane
Concen: 5.150 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion:128 Resp: 30015
Ion Ratio Lower Upper
128 100
49 131.6 91.6 170.2
130 132.2 89.6 166.4
51 41.5 33.5 50.3





#25

Chloroform

Concen: 4.987 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

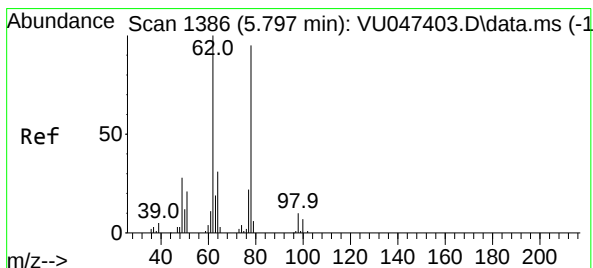
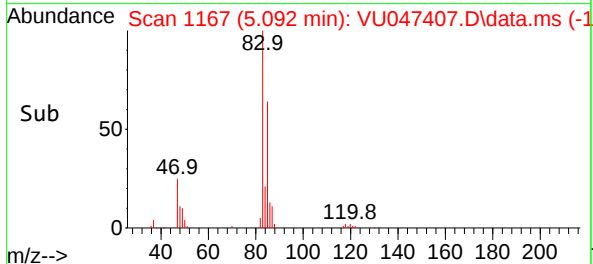
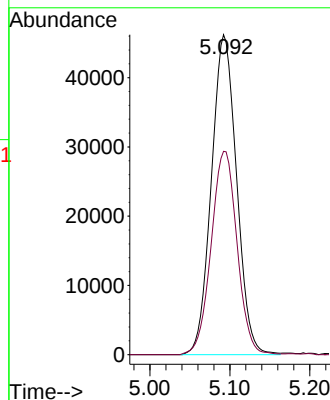
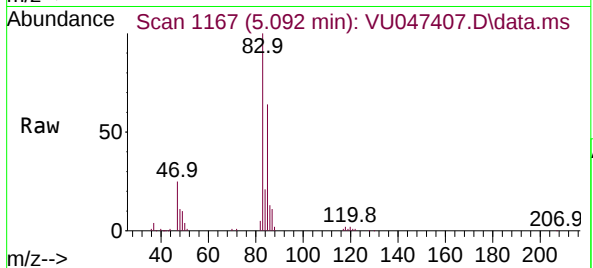
VSTD005091

Tgt Ion: 83 Resp: 101093

Ion Ratio Lower Upper

83 100

85 63.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 4.955 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU047407.D

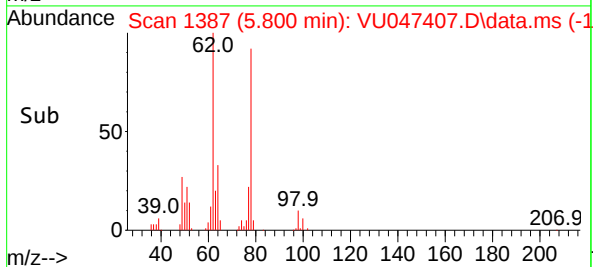
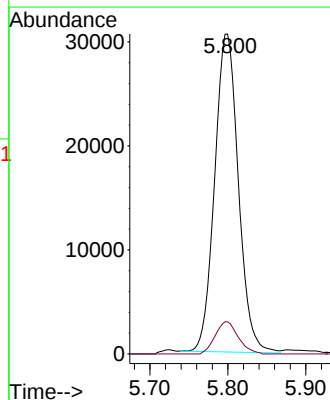
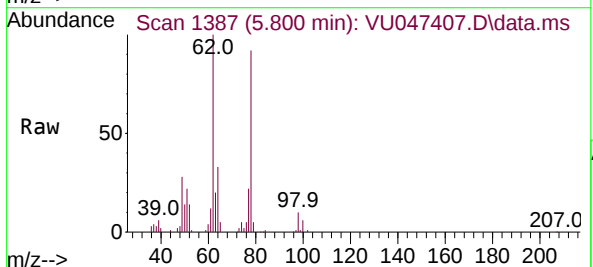
Acq: 09 Mar 2022 15:45

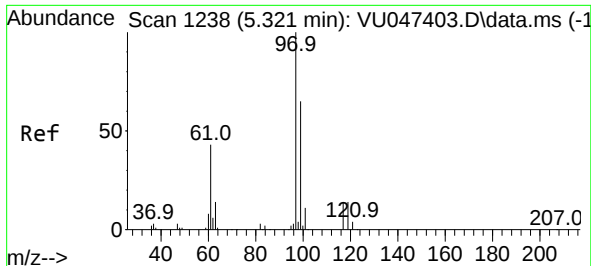
Tgt Ion: 62 Resp: 64660

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.140 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTD005091

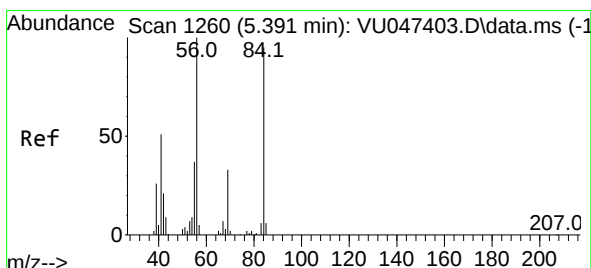
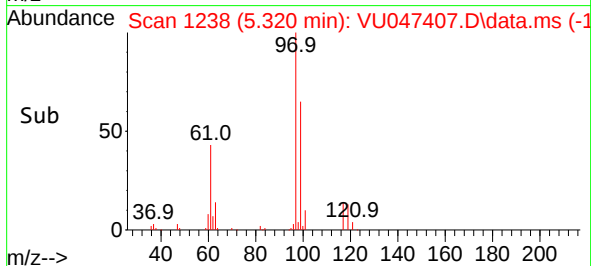
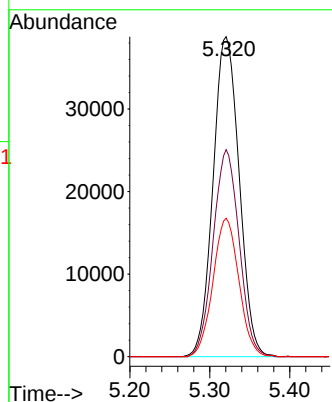
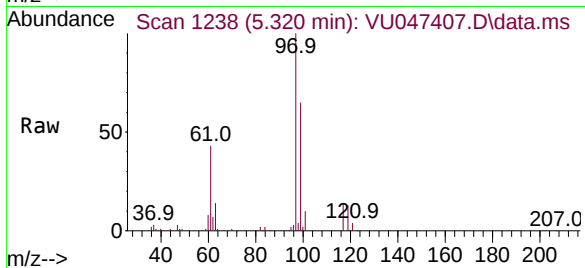
Tgt Ion: 97 Resp: 88074

Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 42.9 33.8 50.6



#30

Cyclohexane

Concen: 5.155 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

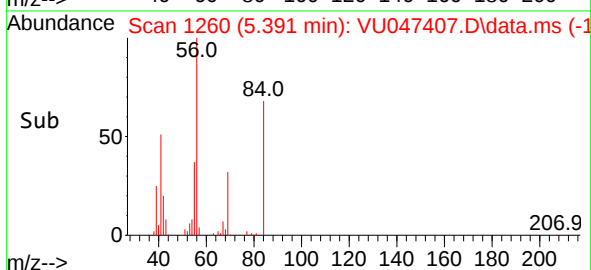
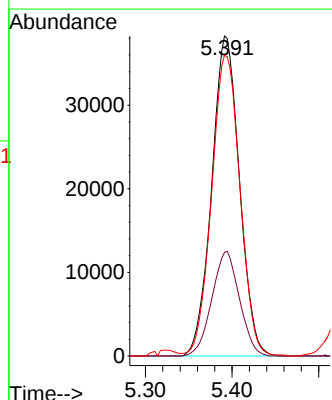
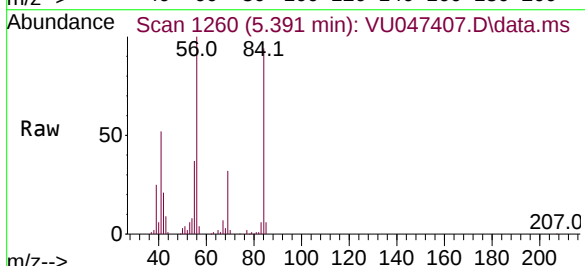
Tgt Ion: 56 Resp: 85094

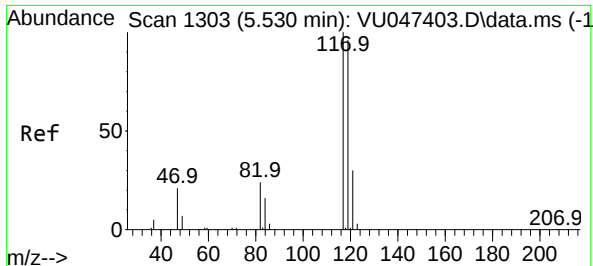
Ion Ratio Lower Upper

56 100

69 32.5 26.0 39.0

84 96.1 76.3 114.5

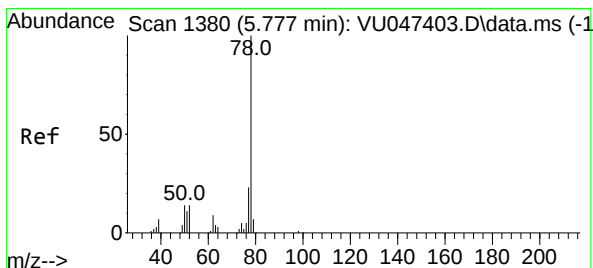
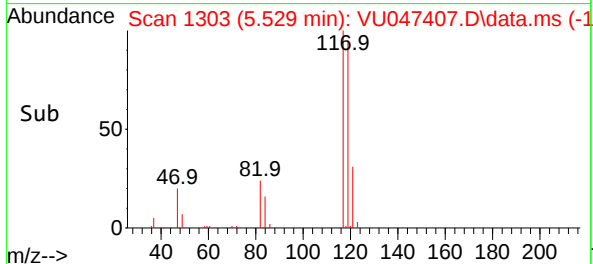
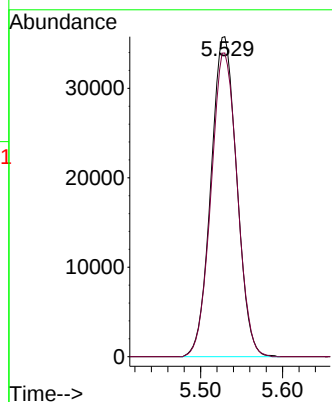
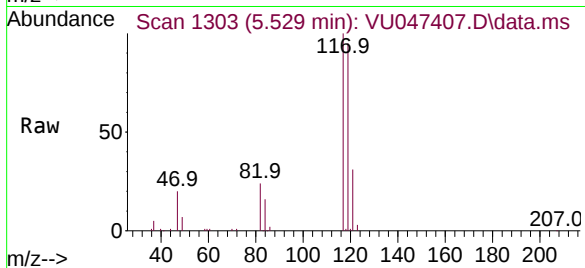




#31
Carbon tetrachloride
Concen: 5.201 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

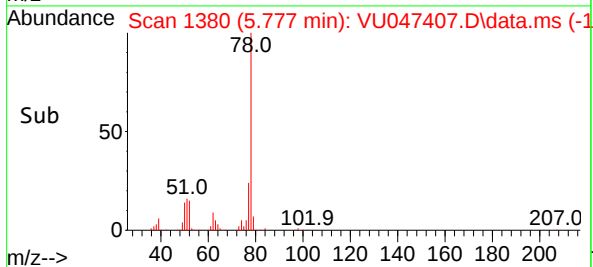
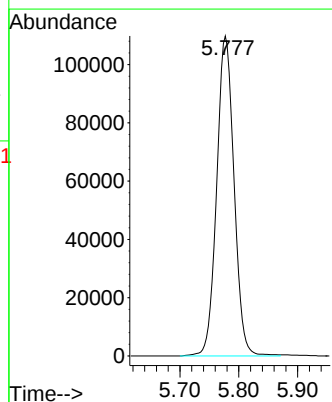
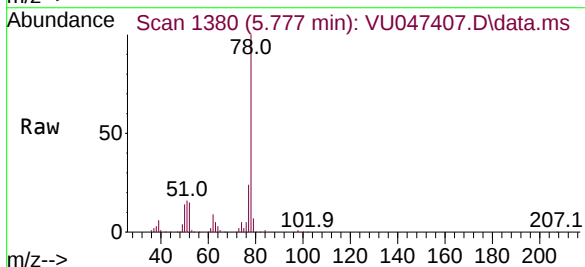
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

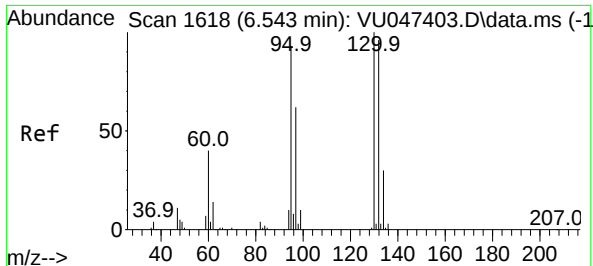
Tgt Ion:117 Resp: 78280
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8



#33
Benzene
Concen: 5.033 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 78 Resp: 225465



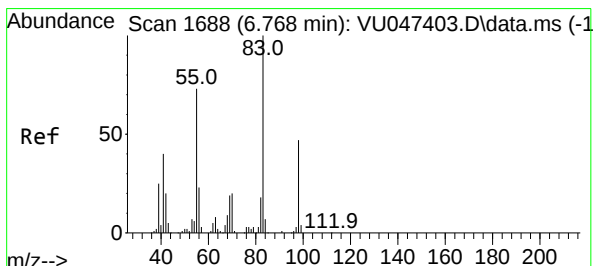
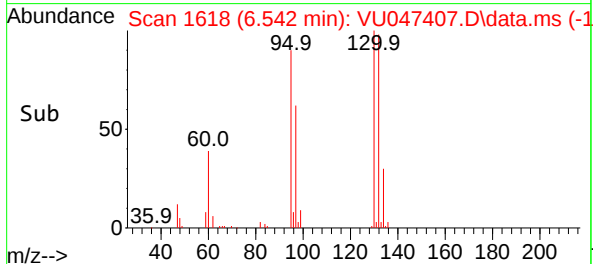
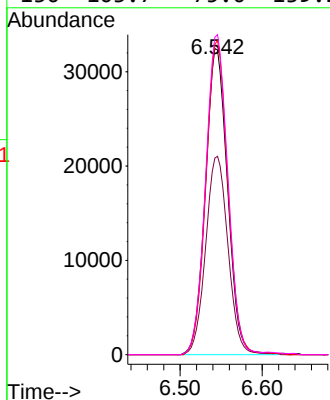
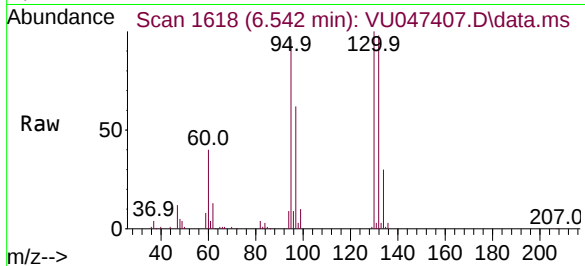


#34
Trichloroethene
Concen: 5.074 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

Tgt Ion: 95 Resp: 60755

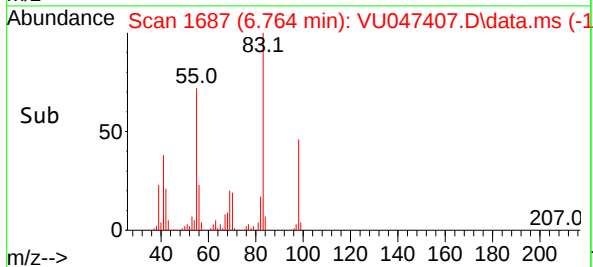
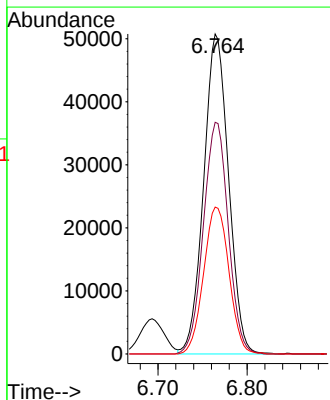
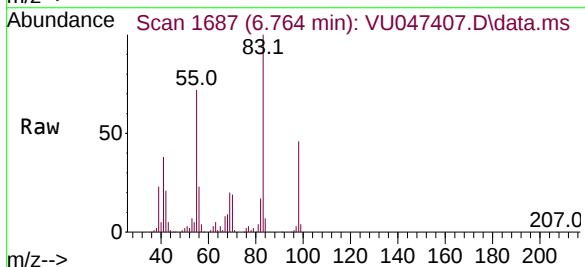
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.3	85.9
132	101.5	71.7	133.1
130	103.7	75.0	139.2

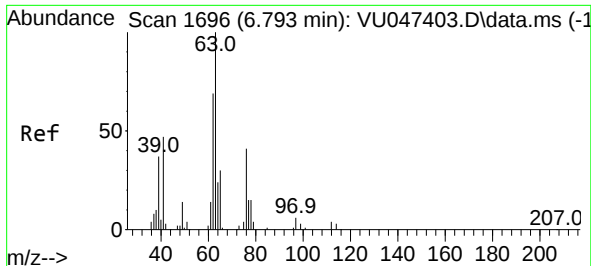


#35
Methylcyclohexane
Concen: 5.217 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 83 Resp: 98537

Ion	Ratio	Lower	Upper
83	100		
55	72.2	57.8	86.8
98	46.8	38.0	57.0





#37

1,2-Dichloropropane

Concen: 5.135 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

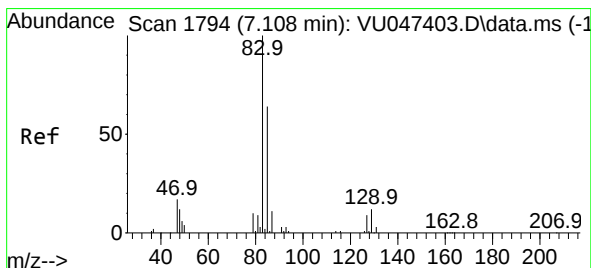
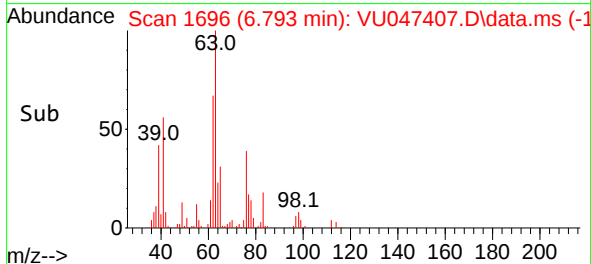
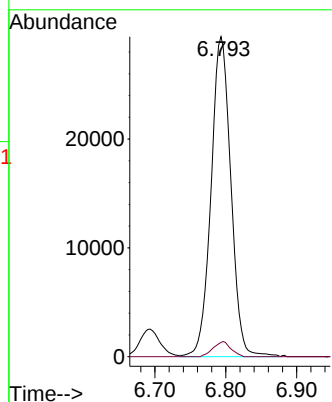
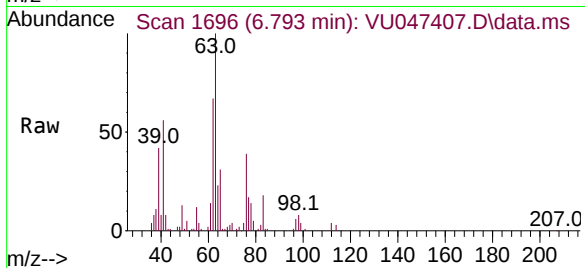
VSTD005091

Tgt Ion: 63 Resp: 57289

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 5.020 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

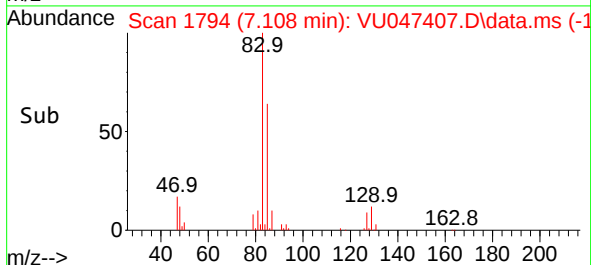
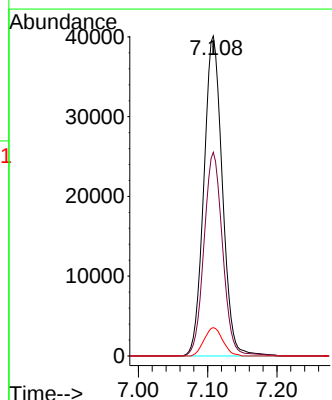
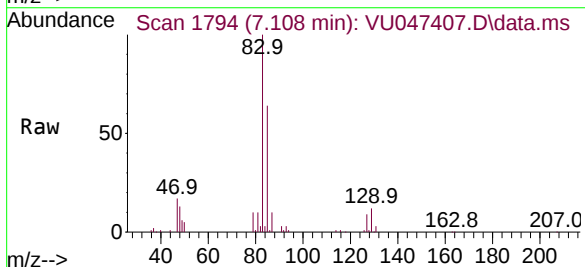
Tgt Ion: 83 Resp: 74345

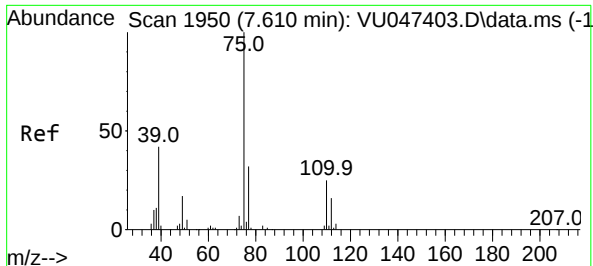
Ion Ratio Lower Upper

83 100

85 63.7 45.0 83.6

127 8.8 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.293 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

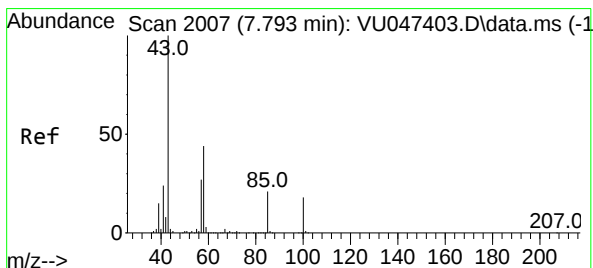
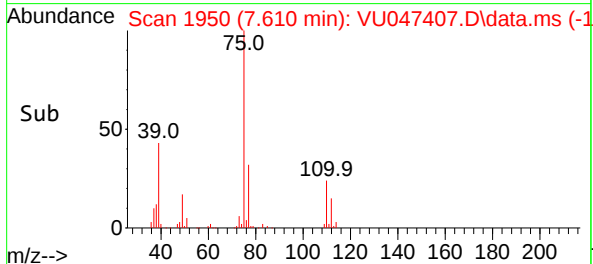
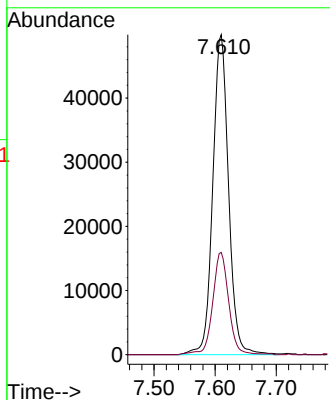
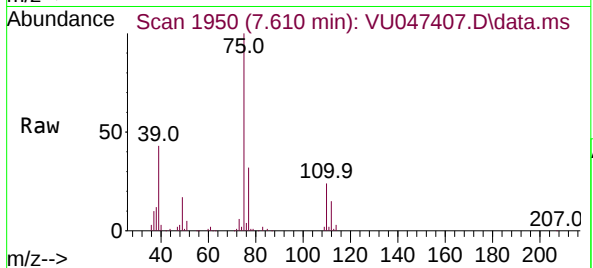
VSTD005091

Tgt Ion: 75 Resp: 89515

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 53.303 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

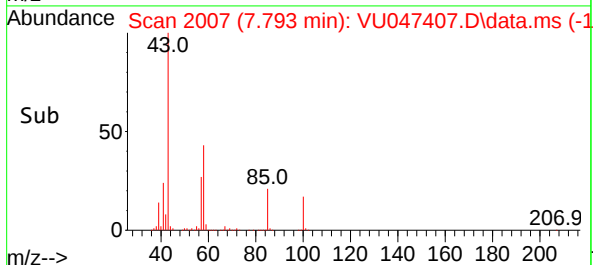
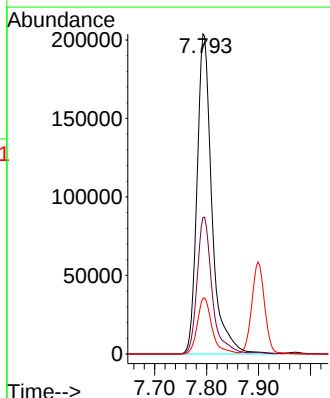
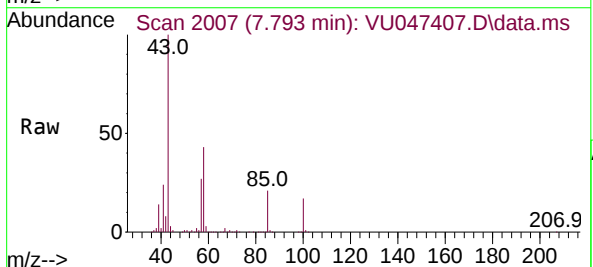
Tgt Ion: 43 Resp: 405348

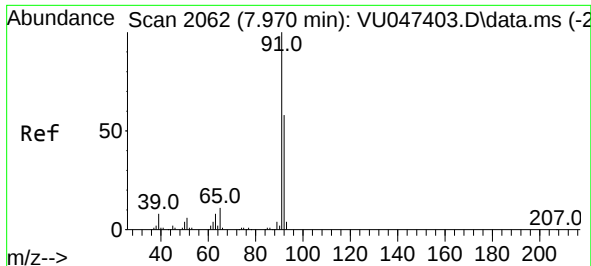
Ion Ratio Lower Upper

43 100

58 43.1 34.8 52.2

100 17.3 14.2 21.4





#42

Toluene

Concen: 5.232 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

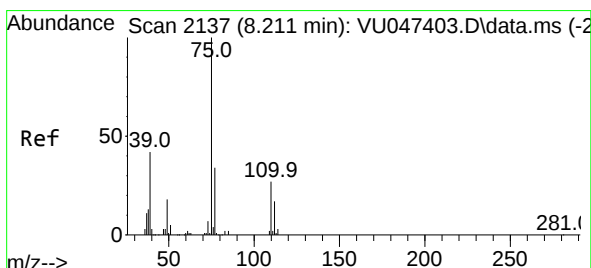
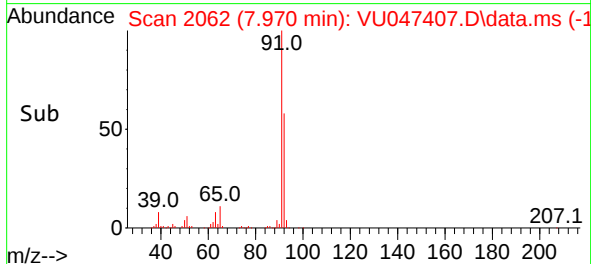
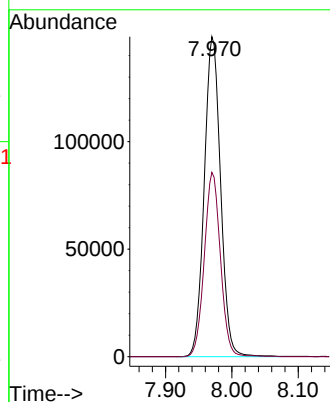
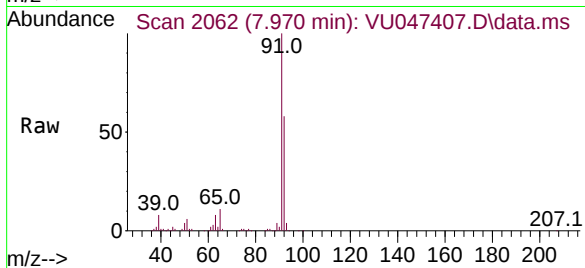
VSTD005091

Tgt Ion: 91 Resp: 254590

Ion Ratio Lower Upper

91 100

92 57.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.188 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047407.D

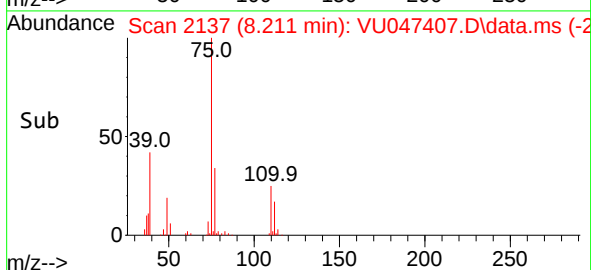
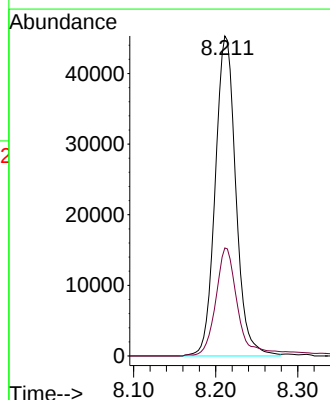
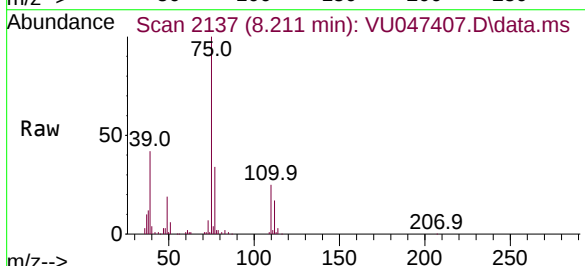
Acq: 09 Mar 2022 15:45

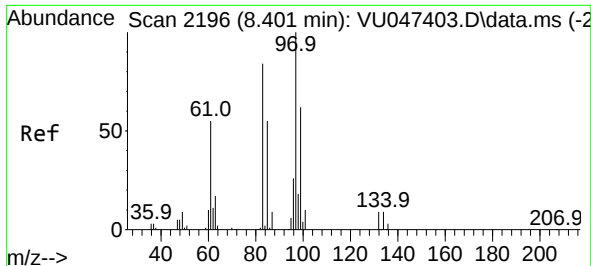
Tgt Ion: 75 Resp: 79135

Ion Ratio Lower Upper

75 100

77 33.8 23.6 43.8

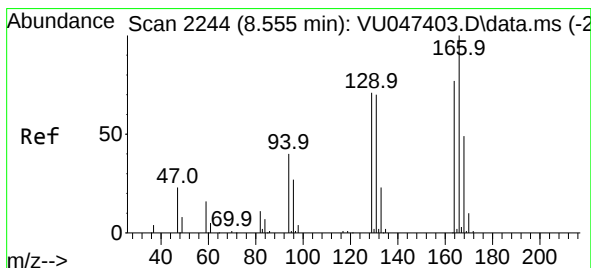
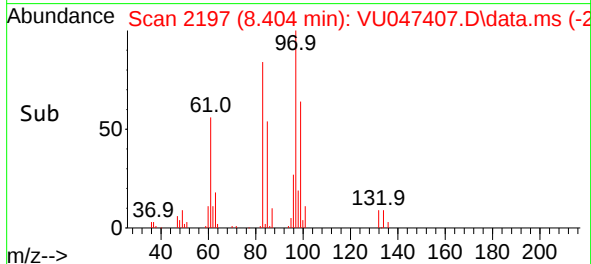
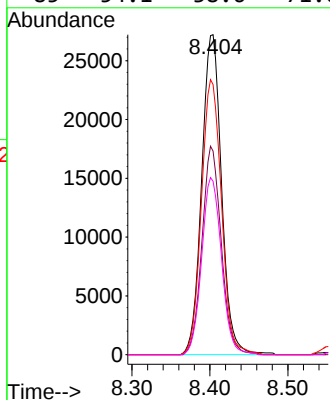
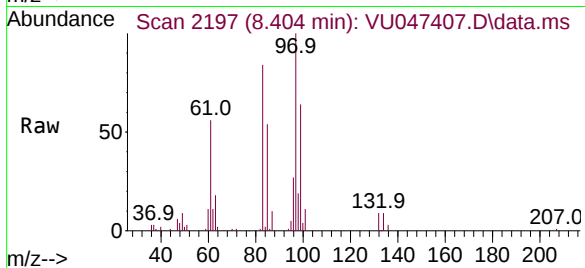




#45
1,1,2-Trichloroethane
Concen: 5.274 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

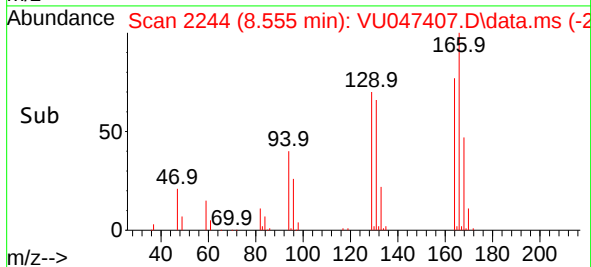
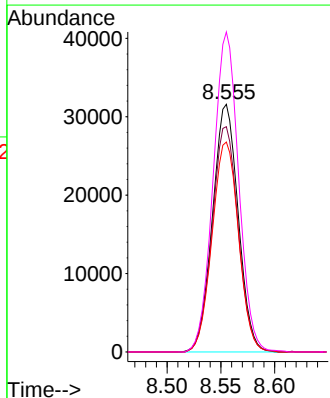
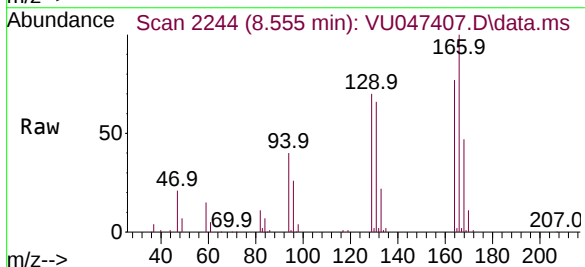
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

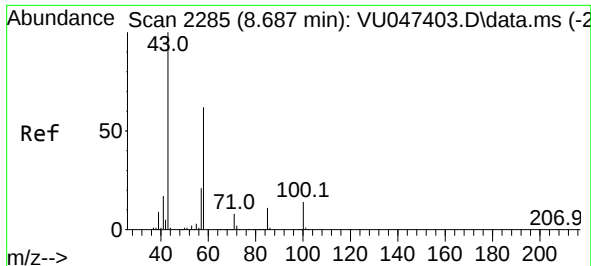
Tgt Ion:	97	Resp:	48219
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.3	80.5
83	84.4	59.1	109.9
85	54.1	38.6	71.6



#47
Tetrachloroethene
Concen: 5.181 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion:	164	Resp:	52626
Ion	Ratio	Lower	Upper
164	100		
129	91.0	64.9	120.5
131	84.8	63.6	118.2
166	129.2	91.4	169.8

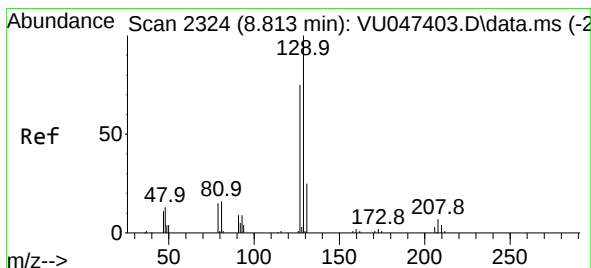
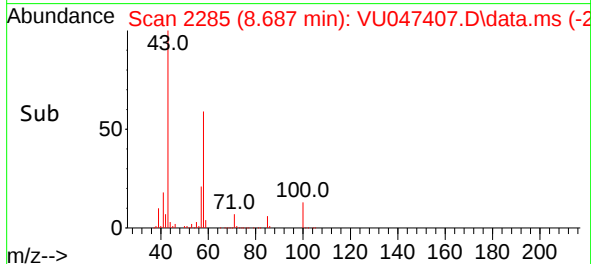
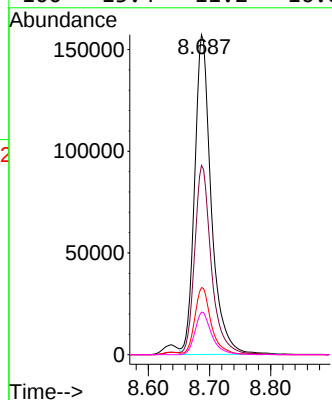
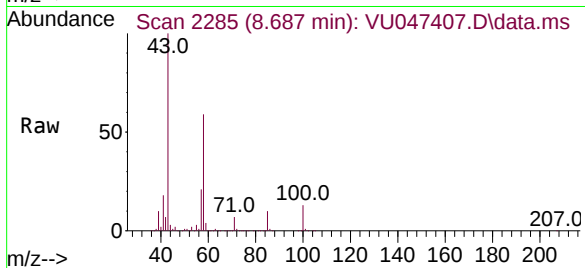




#48
2-Hexanone
Concen: 53.902 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

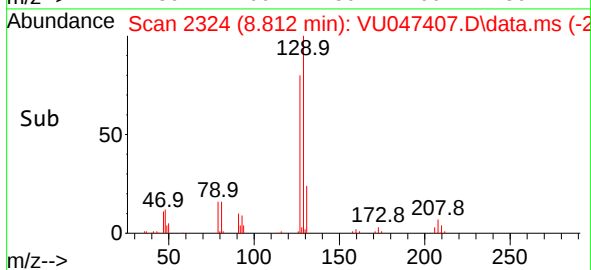
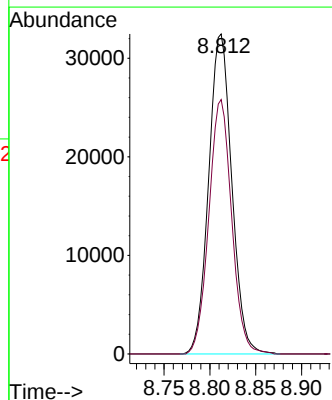
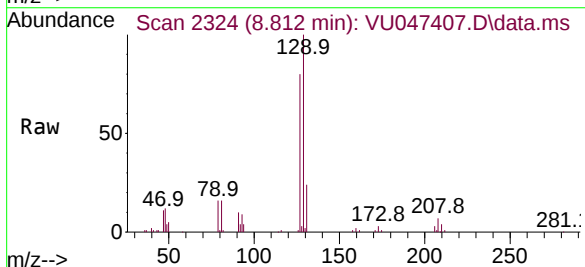
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

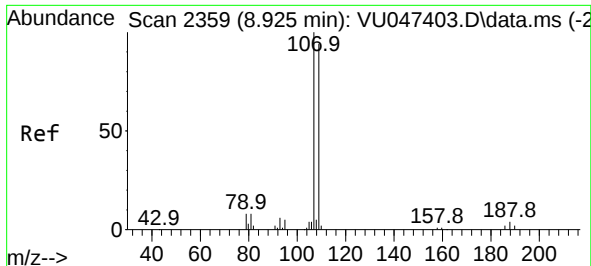
Tgt Ion: 43 Resp: 297389
Ion Ratio Lower Upper
43 100
58 59.8 47.7 71.5
57 20.5 16.6 25.0
100 13.4 11.2 16.8



#49
Dibromochloromethane
Concen: 5.134 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 129 Resp: 57017
Ion Ratio Lower Upper
129 100
127 79.5 52.6 97.8





#50

1,2-Dibromoethane

Concen: 5.204 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTD005091

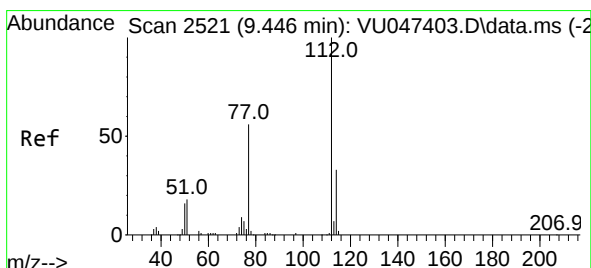
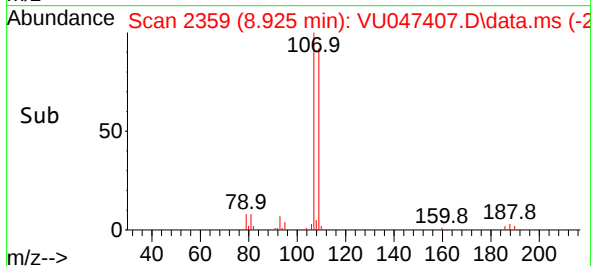
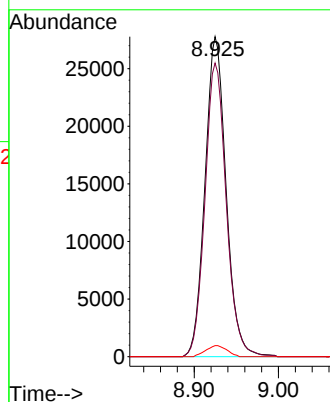
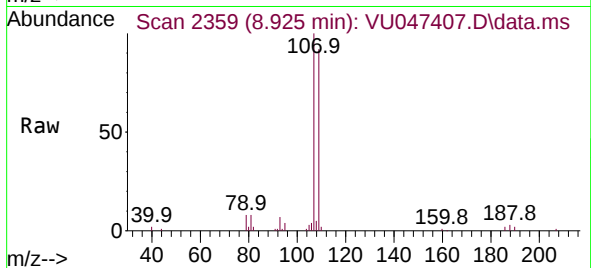
Tgt Ion:107 Resp: 48413

Ion Ratio Lower Upper

107 100

109 91.8 65.8 122.2

188 3.4 3.3 4.9



#51

Chlorobenzene

Concen: 5.111 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

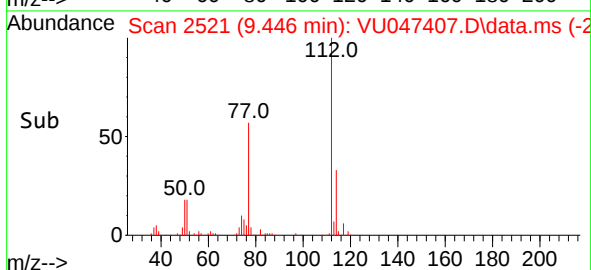
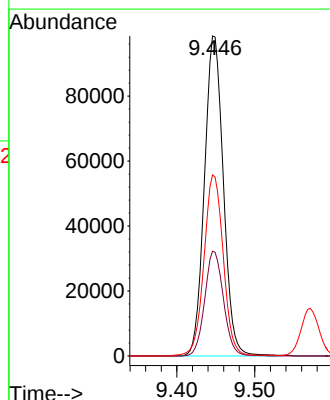
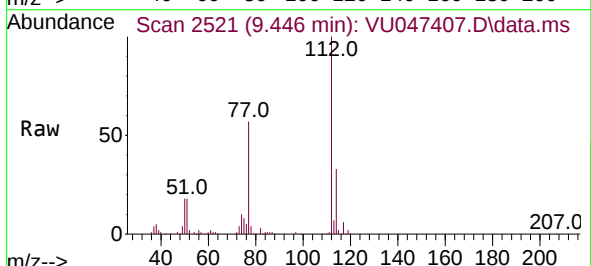
Tgt Ion:112 Resp: 166369

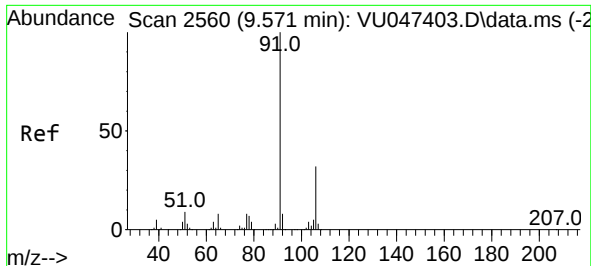
Ion Ratio Lower Upper

112 100

114 32.8 22.8 42.4

77 56.6 45.0 67.6

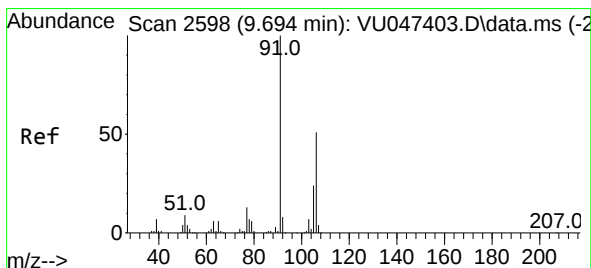
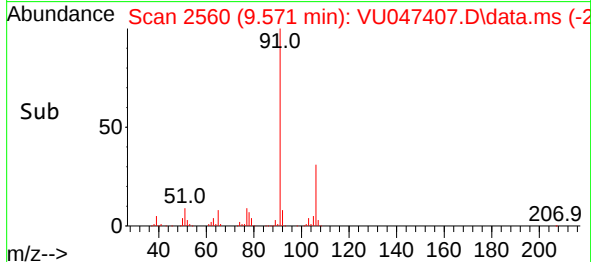
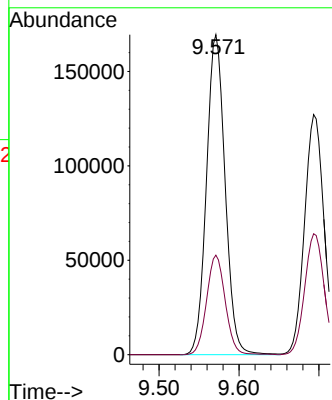
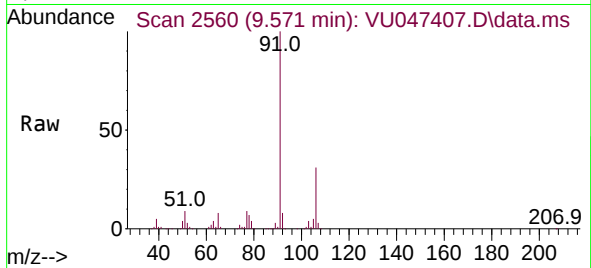




#52
Ethylbenzene
Concen: 5.217 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

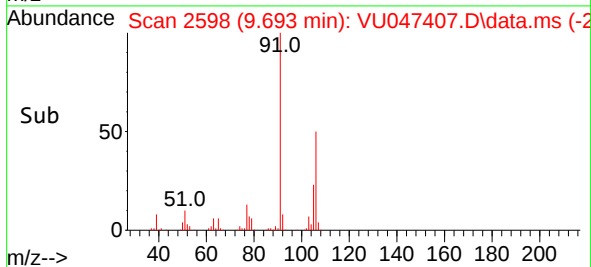
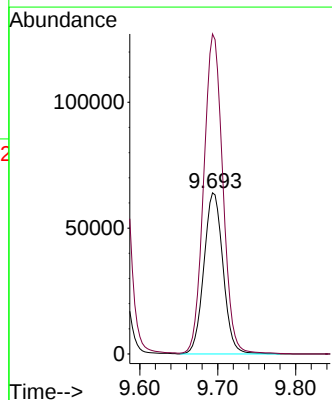
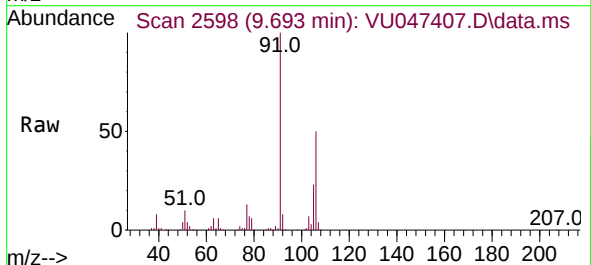
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

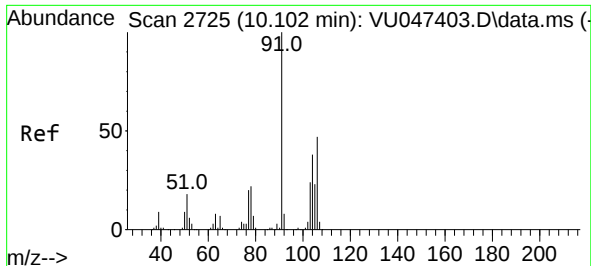
Tgt Ion: 91 Resp: 274921
Ion Ratio Lower Upper
91 100
106 31.1 22.4 41.6



#53
m,p-Xylene
Concen: 5.286 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 106 Resp: 109287
Ion Ratio Lower Upper
106 100
91 198.6 138.8 257.8

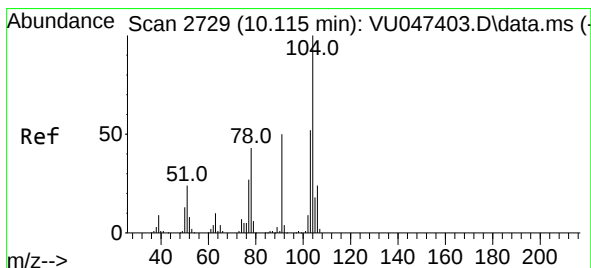
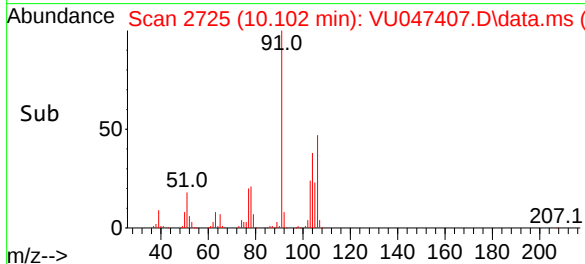
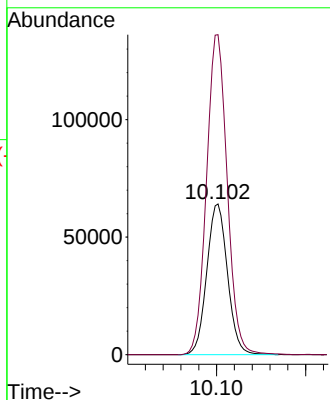
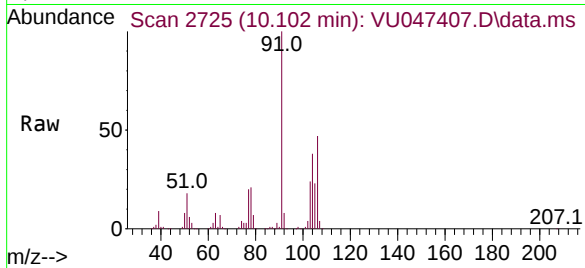




#54
o-Xylene
Concen: 5.169 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

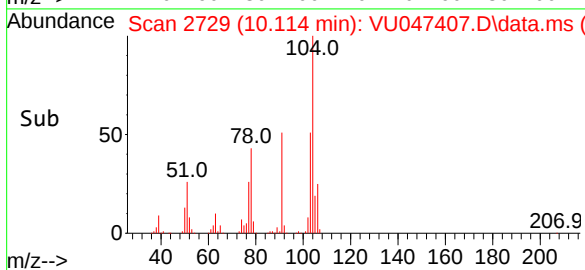
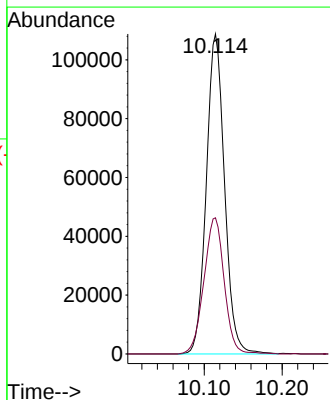
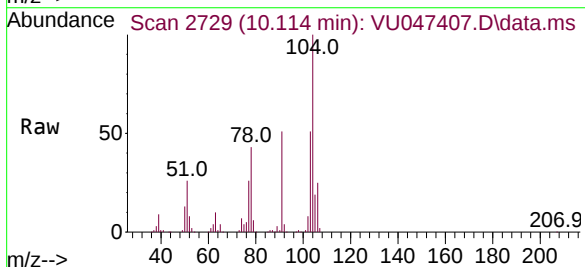
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

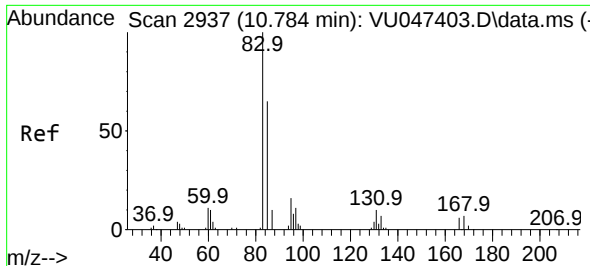
Tgt Ion:106 Resp: 103538
Ion Ratio Lower Upper
106 100
91 212.4 149.2 277.0



#55
Styrene
Concen: 5.220 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion:104 Resp: 176753
Ion Ratio Lower Upper
104 100
78 42.5 30.4 56.4

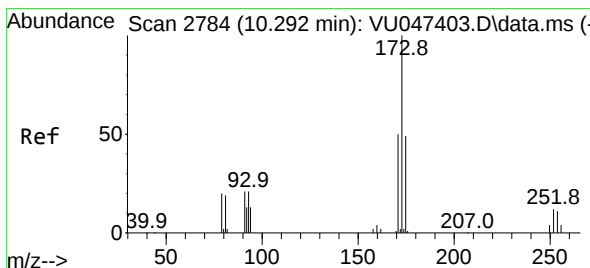
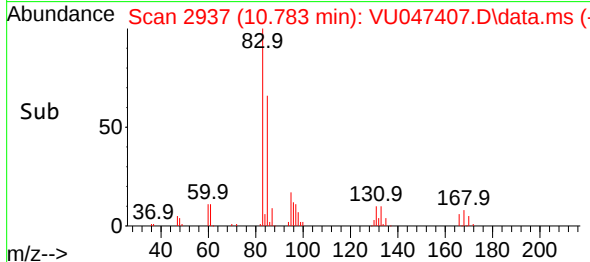
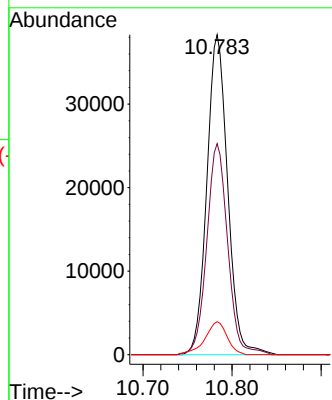
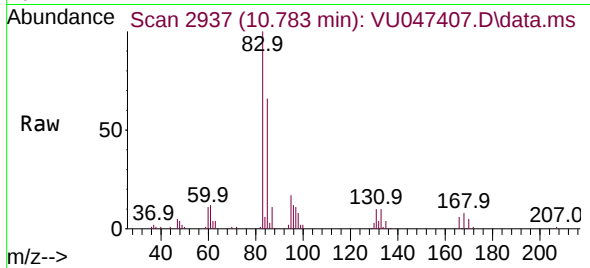




#57
1,1,2-Tetrachloroethane
Concen: 5.068 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

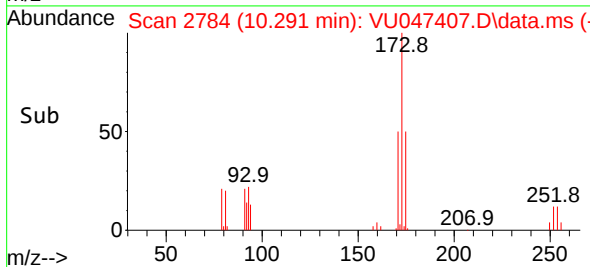
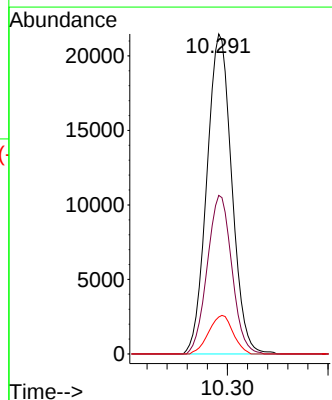
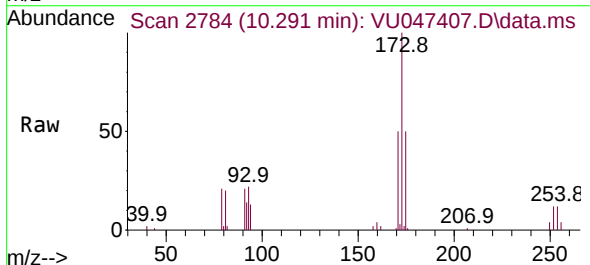
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

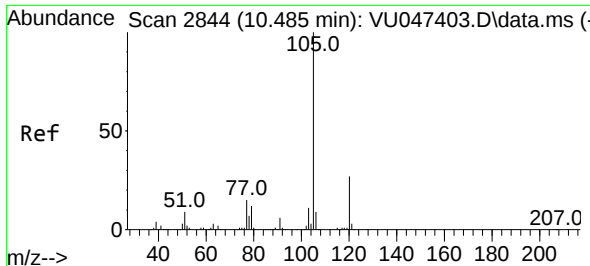
Tgt Ion: 83 Resp: 62029
Ion Ratio Lower Upper
83 100
85 66.0 46.0 85.4
131 10.3 8.2 12.4



#59
Bromoform
Concen: 5.154 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 173 Resp: 36889
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 11.8 9.0 13.4

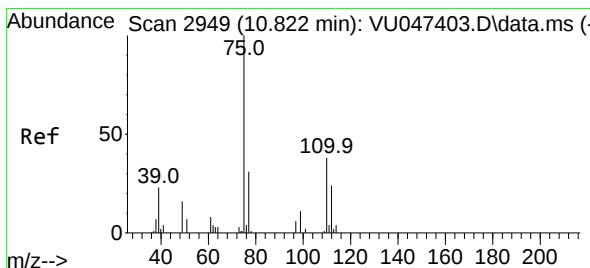
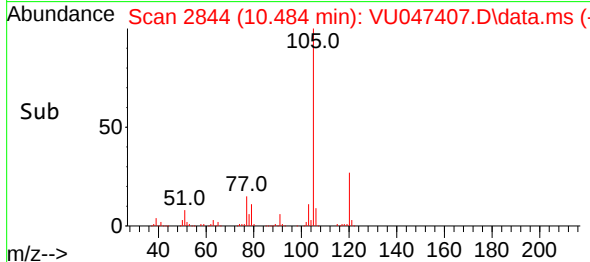
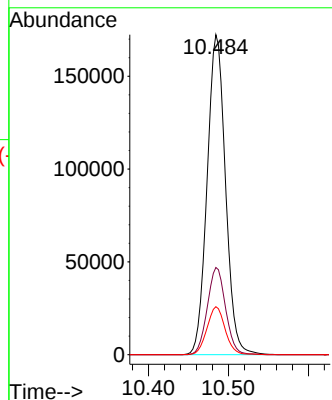
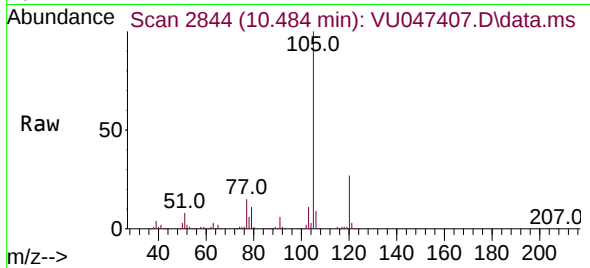




#60
Isopropylbenzene
Concen: 5.184 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

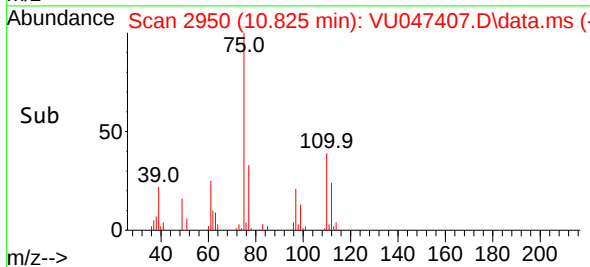
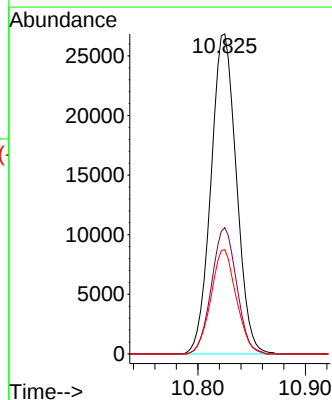
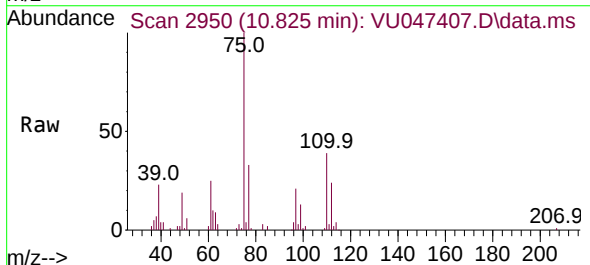
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

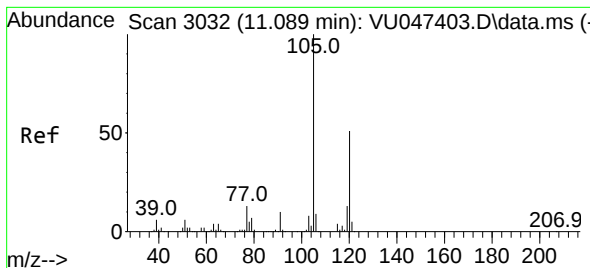
Tgt Ion:105 Resp: 275755
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.6
77 14.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.005 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 75 Resp: 44075
Ion Ratio Lower Upper
75 100
110 38.9 31.0 46.4
77 32.6 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 5.190 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

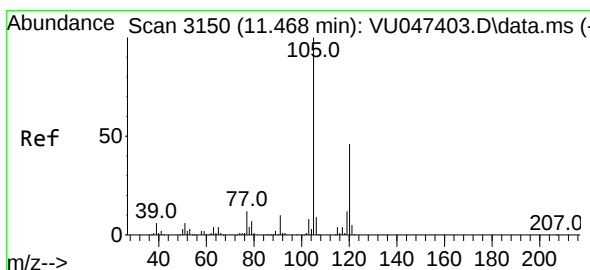
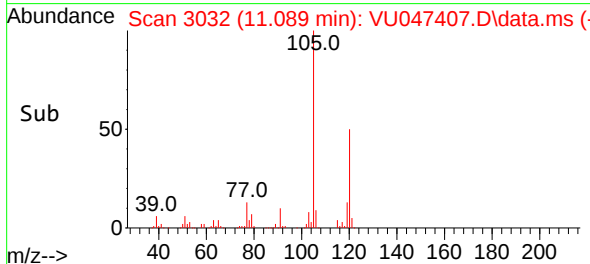
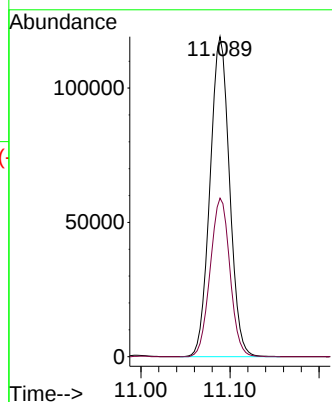
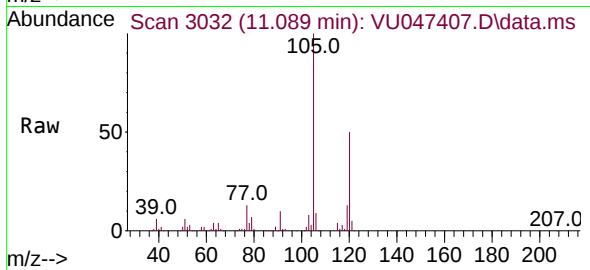
VSTD005091

Tgt Ion:105 Resp: 181066

Ion Ratio Lower Upper

105 100

120 50.0 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.196 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047407.D

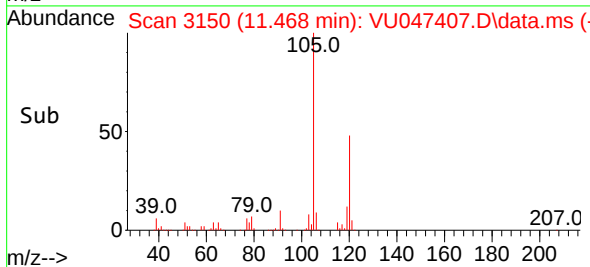
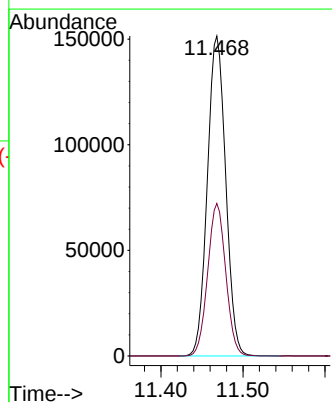
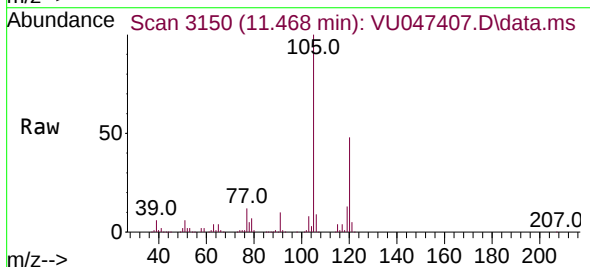
Acq: 09 Mar 2022 15:45

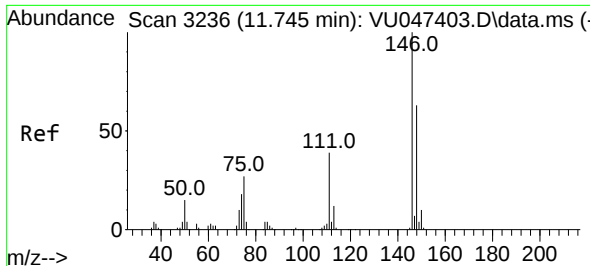
Tgt Ion:105 Resp: 235151

Ion Ratio Lower Upper

105 100

120 46.9 37.2 55.8

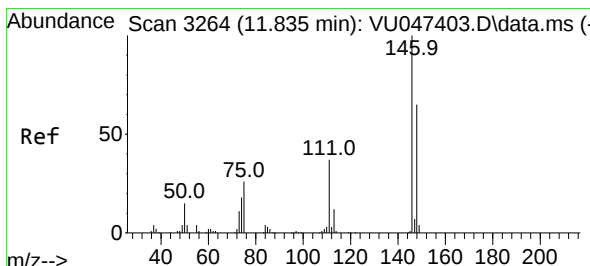
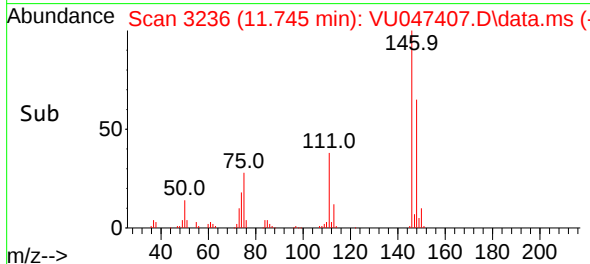
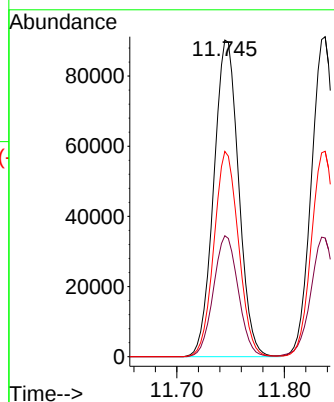
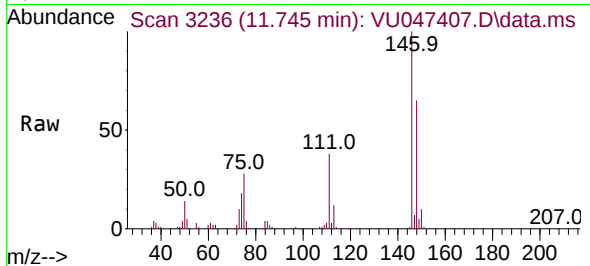




#64
1,3-Dichlorobenzene
Concen: 5.151 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

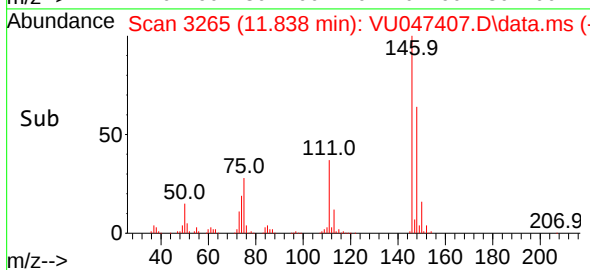
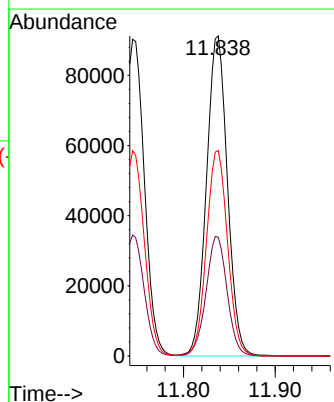
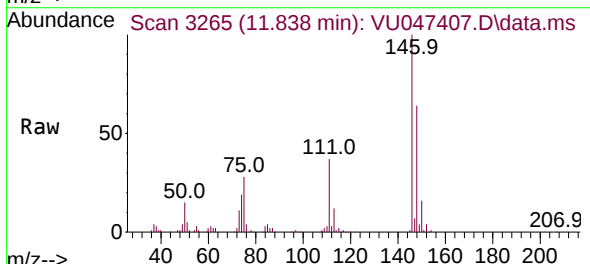
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

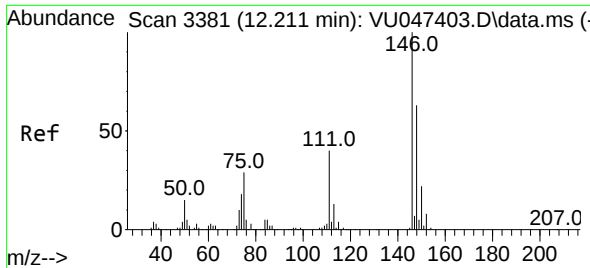
Tgt Ion:146 Resp: 145218
Ion Ratio Lower Upper
146 100
111 38.2 27.0 50.2
148 64.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.063 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion:146 Resp: 144943
Ion Ratio Lower Upper
146 100
111 37.1 26.1 48.5
148 64.2 45.6 84.6

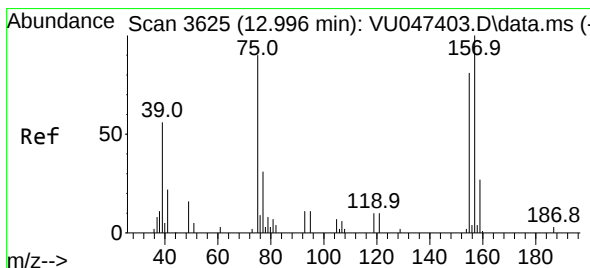
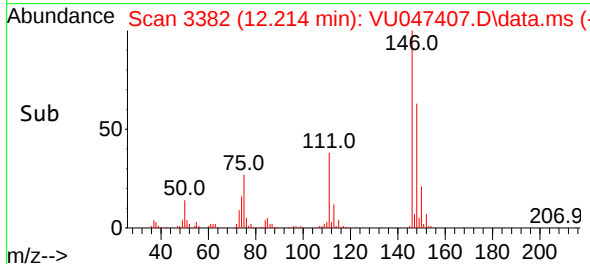
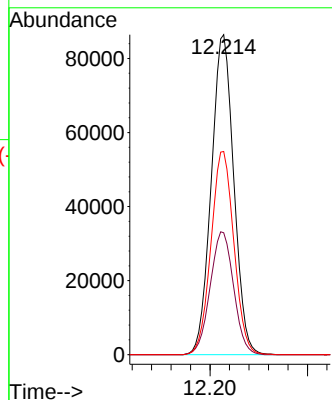
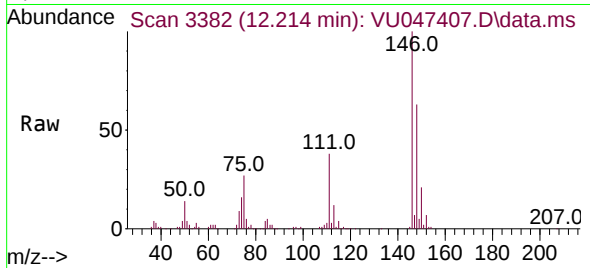




#67
1,2-Dichlorobenzene
Concen: 5.113 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

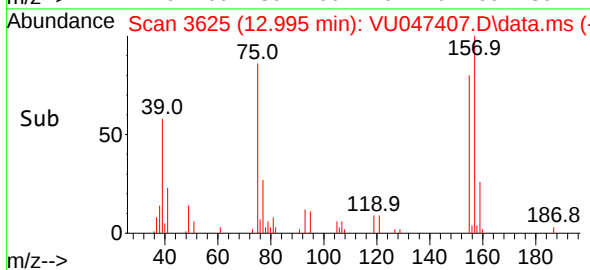
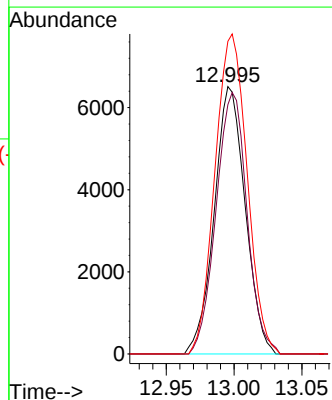
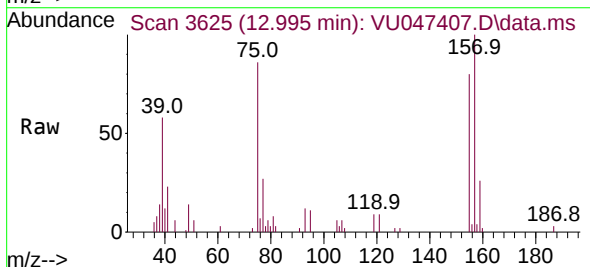
Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

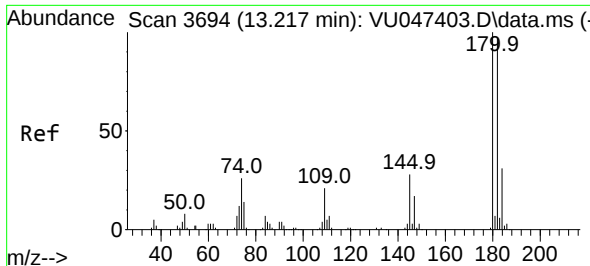
Tgt Ion:146 Resp: 138493
Ion Ratio Lower Upper
146 100
111 38.1 31.9 47.9
148 63.5 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.212 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion: 75 Resp: 10347
Ion Ratio Lower Upper
75 100
155 93.2 71.3 106.9
157 116.9 88.6 132.8





#69

1,3,5-Trichlorobenzene

Concen: 5.397 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. 0.003 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

VSTD005091

Tgt Ion:180 Resp: 124788

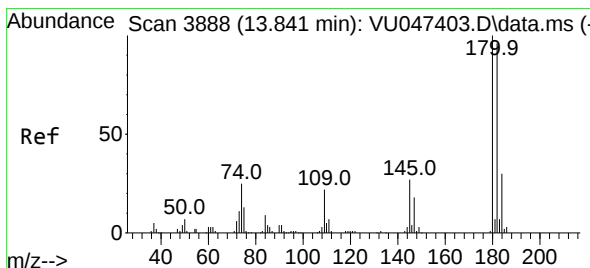
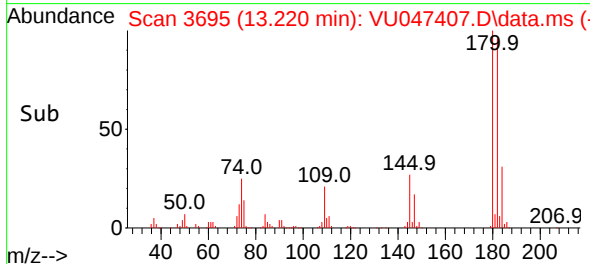
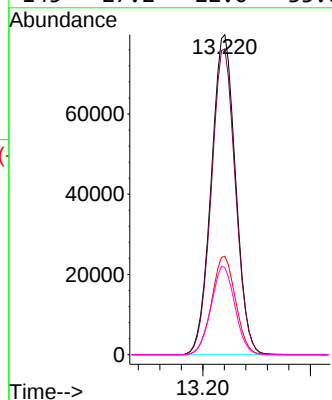
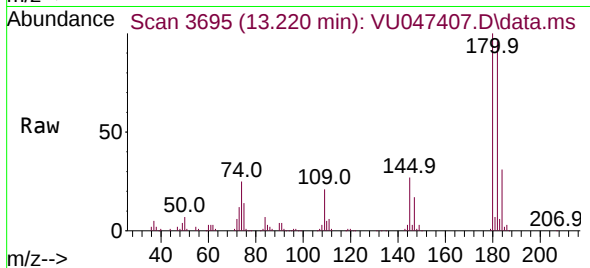
Ion Ratio Lower Upper

180 100

182 95.2 77.1 115.7

184 30.3 25.0 37.4

145 27.2 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 5.314 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU047407.D

Acq: 09 Mar 2022 15:45

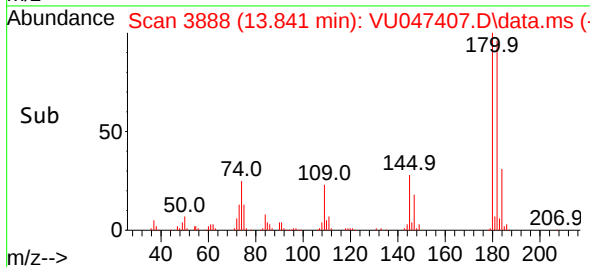
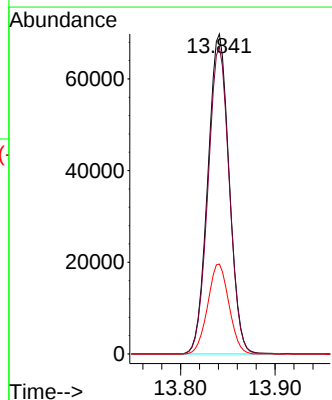
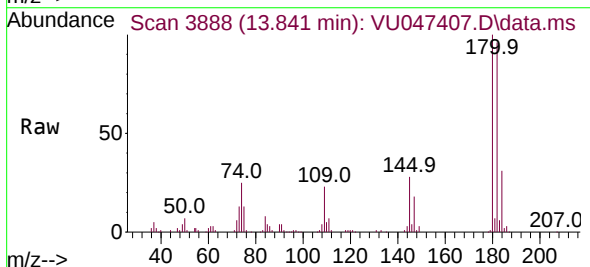
Tgt Ion:180 Resp: 109516

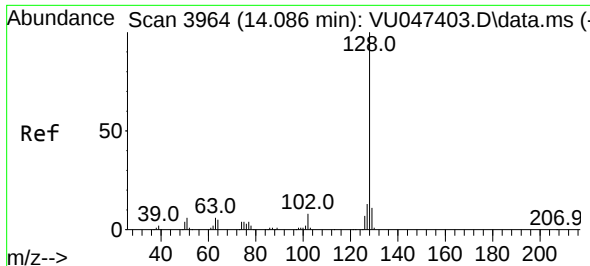
Ion Ratio Lower Upper

180 100

182 95.5 76.6 114.8

145 28.0 22.4 33.6

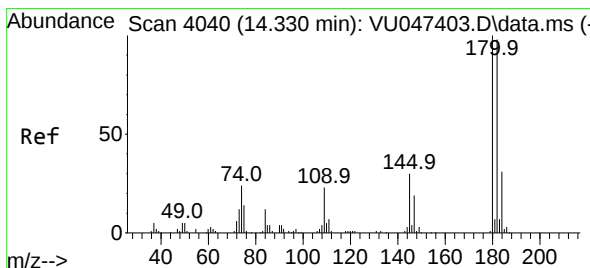
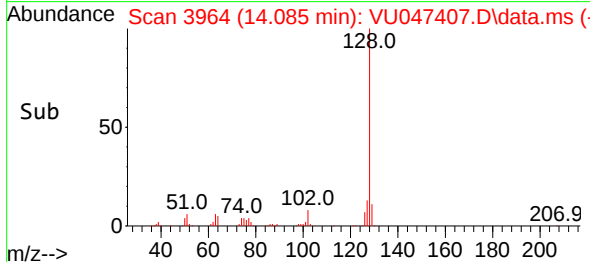
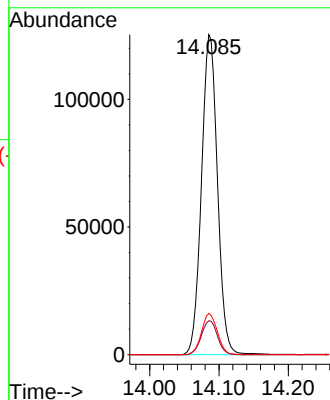
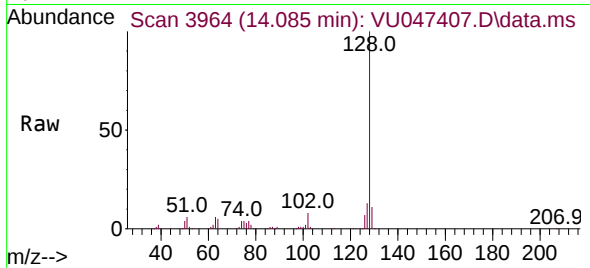




#71
Naphthalene
Concen: 5.437 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD005091

Tgt Ion:128 Resp: 200450
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.349 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047407.D
Acq: 09 Mar 2022 15:45

Tgt Ion:180 Resp: 101097
Ion Ratio Lower Upper
180 100
182 97.2 77.0 115.6
145 29.5 23.4 35.2

