

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045797.D
 Acq On : 15 Nov 2021 17:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

Quant Time: Nov 16 03:12:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94214	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	49390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33785	4.526	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.919	69	27247	5.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.571	65	14747	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.655	46	118057	59.018	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.040%
24) Chloroform-d	5.070	84	63793	5.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.706	65	38194	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.732	84	129881	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.697	67	43391	5.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.899	98	119972	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.182	79	18063	5.323	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.636	63	92833	60.782	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40652	5.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	44880	5.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	40813	5.320	ug/L	100
3) Chloromethane	1.520	50	41969	5.163	ug/L	100
5) Vinyl chloride	1.607	62	43348	5.313	ug/L	99
6) Bromomethane	1.861	94	24573	5.078	ug/L	100
8) Chloroethane	1.938	64	26250	5.643	ug/L	99
9) Trichlorofluoromethane	2.144	101	56573	5.371	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33280	5.388	ug/L	99
12) 1,1-Dichloroethene	2.588	96	31365	5.378	ug/L	80
13) Acetone	2.684	43	64881	55.106	ug/L	61
14) Carbon disulfide	2.800	76	93566	5.073	ug/L	100
15) Methyl Acetate	2.970	43	16886	5.845	ug/L	98
16) Methylene chloride	3.051	84	49170	5.711	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	85971	5.662	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	32435	5.188	ug/L	99
19) 1,1-Dichloroethane	3.877	63	62869	5.368	ug/L	98
21) 2-Butanone	4.735	43	120994	61.077	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	35760	5.276	ug/L	95
23) Bromochloromethane	4.980	128	17016	5.760	ug/L	97
25) Chloroform	5.092	83	66695	5.249	ug/L	99

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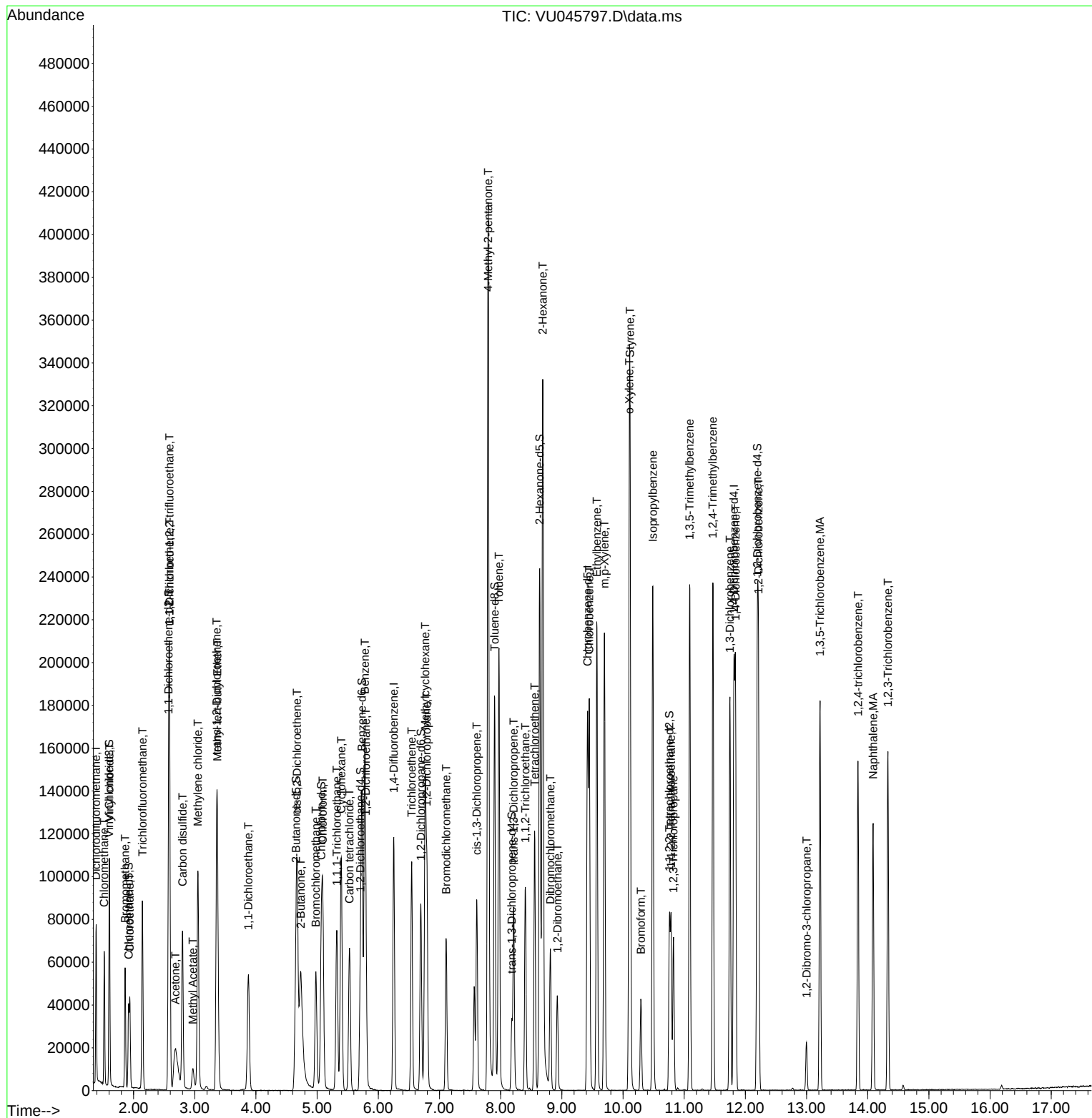
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	44060	5.435	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	54958	5.252	ug/L	99
30) Cyclohexane	5.395	56	53212	5.127	ug/L	99
31) Carbon tetrachloride	5.530	117	46322	5.264	ug/L	97
33) Benzene	5.780	78	139032	5.173	ug/L	100
34) Trichloroethene	6.546	95	35848	5.176	ug/L	97
35) Methylcyclohexane	6.767	83	53555	5.035	ug/L	98
37) 1,2-Dichloropropane	6.793	63	37989	5.371	ug/L	99
38) Bromodichloromethane	7.108	83	46711	5.353	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	54105	5.383	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	282004	60.789	ug/L	99
42) Toluene	7.973	91	152307	5.490	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	47988	5.488	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	29839	5.683	ug/L	97
47) Tetrachloroethene	8.555	164	25605	5.281	ug/L	98
48) 2-Hexanone	8.687	43	216857	64.707	ug/L	98
49) Dibromochloromethane	8.812	129	33252	5.560	ug/L	97
50) 1,2-Dibromoethane	8.928	107	28218	5.704	ug/L	97
51) Chlorobenzene	9.449	112	94162	5.411	ug/L	98
52) Ethylbenzene	9.571	91	158494	5.458	ug/L	99
53) m,p-Xylene	9.697	106	62650	5.632	ug/L	97
54) o-Xylene	10.102	106	59007	5.497	ug/L	91
55) Styrene	10.115	104	102817	5.690	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	39291	5.842	ug/L	95
59) Bromoform	10.291	173	18882	5.772	ug/L	99
60) Isopropylbenzene	10.488	105	158706	5.473	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29696	5.792	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	130264	5.494	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	132265	5.568	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	73458	5.430	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	73155	5.323	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	70650	5.447	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5974	5.600	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	52709	5.209	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	43668	5.100	ug/L	99
71) Naphthalene	14.089	128	97198	5.525	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	44920	5.272	ug/L	99

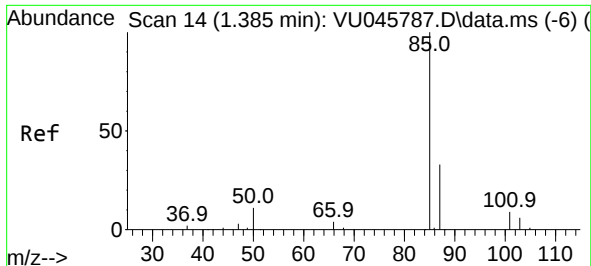
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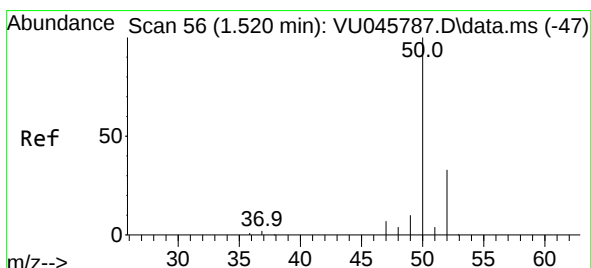
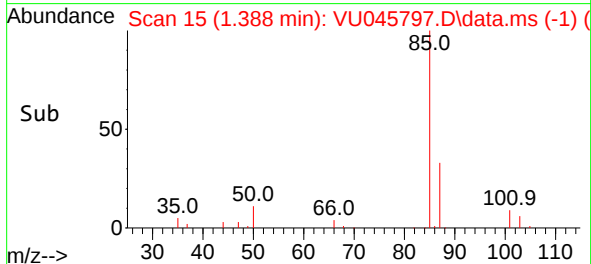
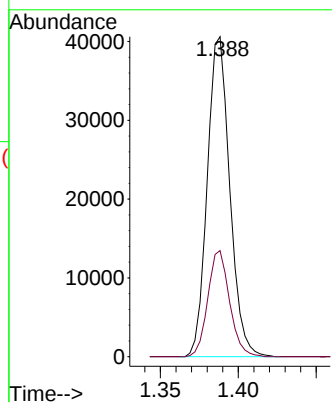
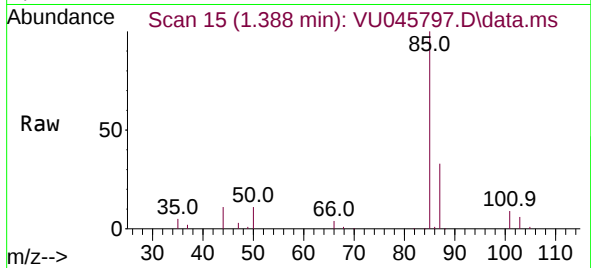




#2
Dichlorodifluoromethane
Concen: 5.320 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

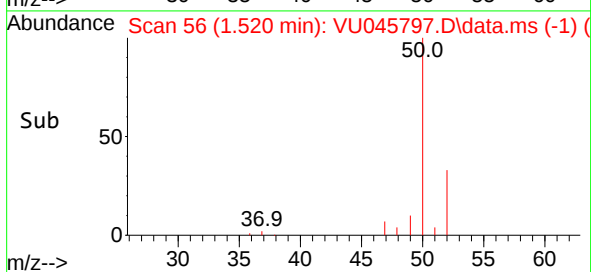
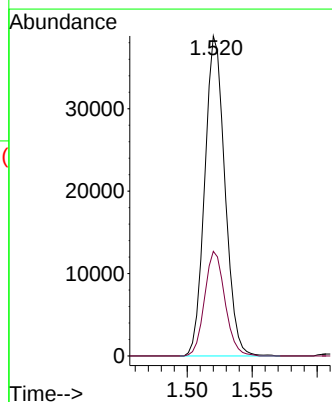
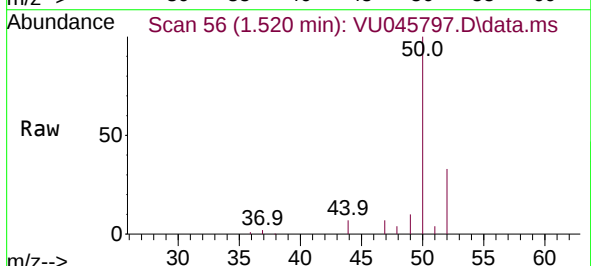
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MSVOA_U
ClientSampleId :
VSTD005122

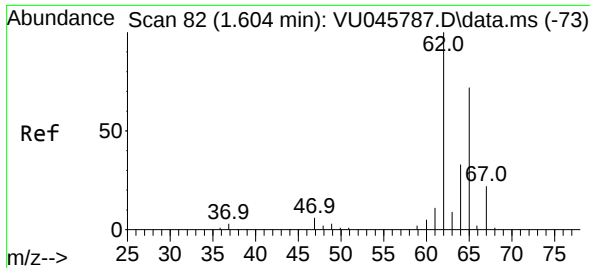
Tgt Ion: 85 Resp: 40813
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.6



#3
Chloromethane
Concen: 5.163 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion: 50 Resp: 41969
Ion Ratio Lower Upper
50 100
52 32.7 23.0 42.8

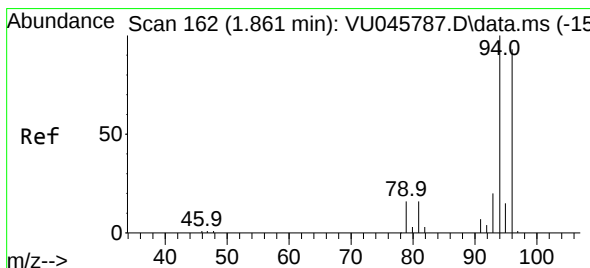
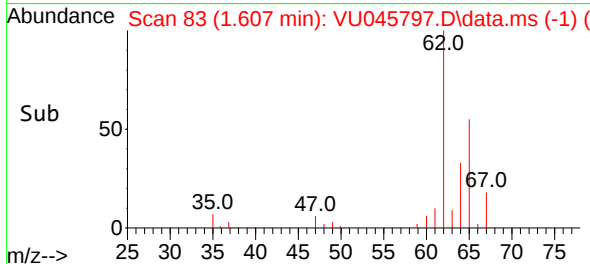
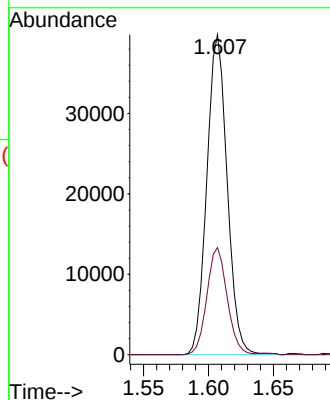
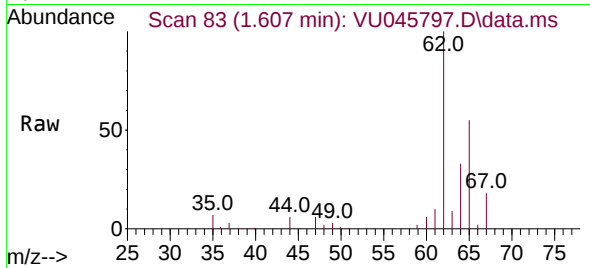




#5
 Vinyl chloride
 Concen: 5.313 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU045797.D
 Acq: 15 Nov 2021 17:25

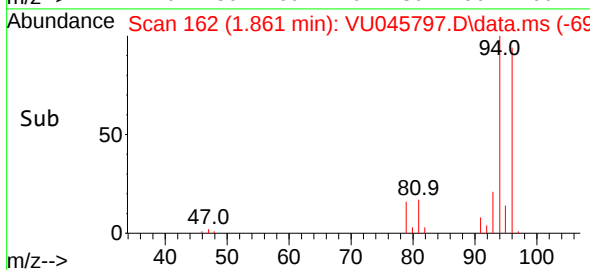
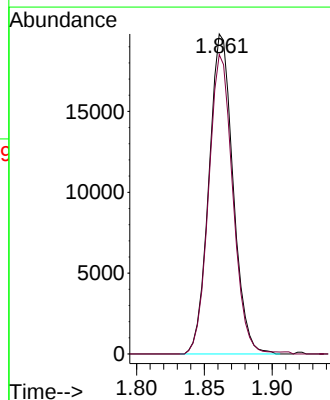
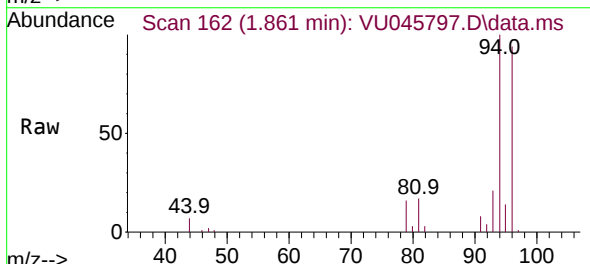
Instrument :
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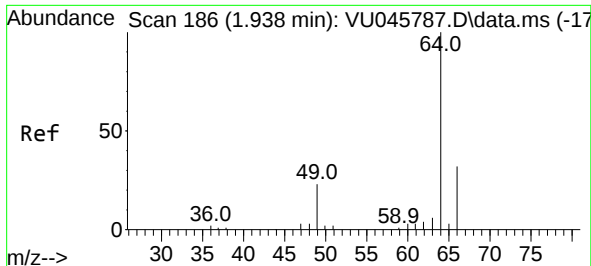
Tgt Ion: 62 Resp: 43348
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.9 42.5



#6
 Bromomethane
 Concen: 5.078 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045797.D
 Acq: 15 Nov 2021 17:25

Tgt Ion: 94 Resp: 24573
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.5 121.6

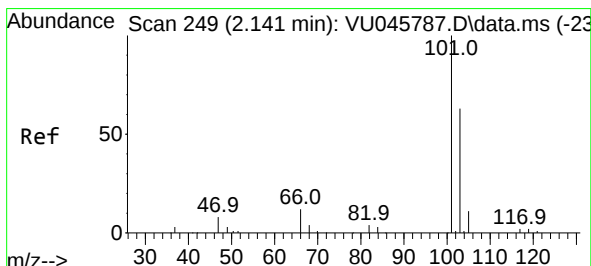
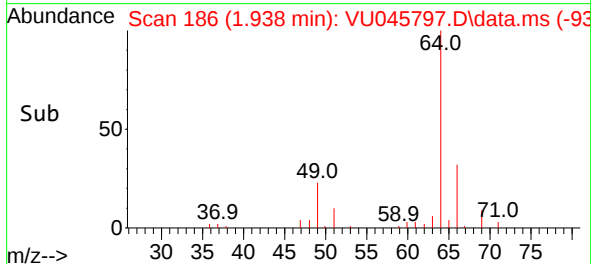
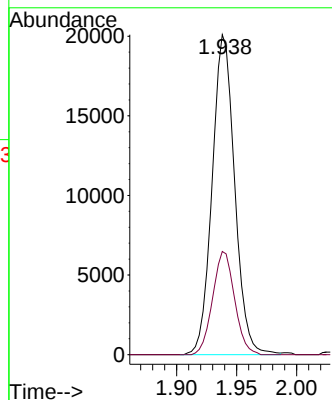
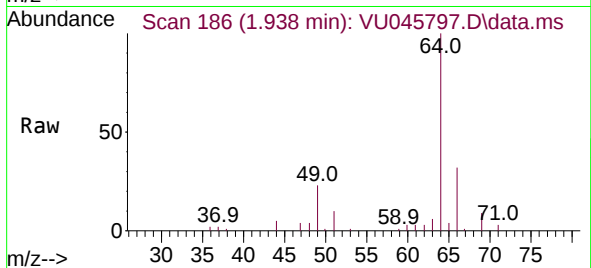




#8
Chloroethane
Concen: 5.643 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

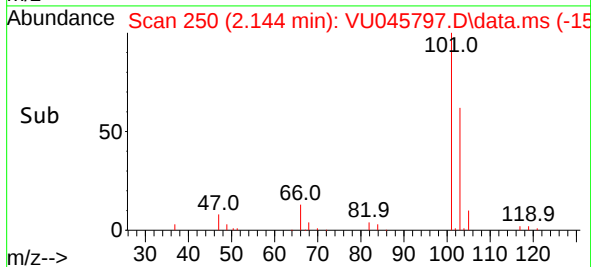
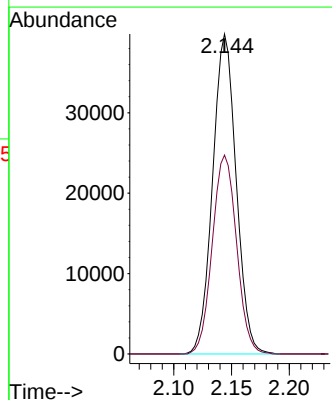
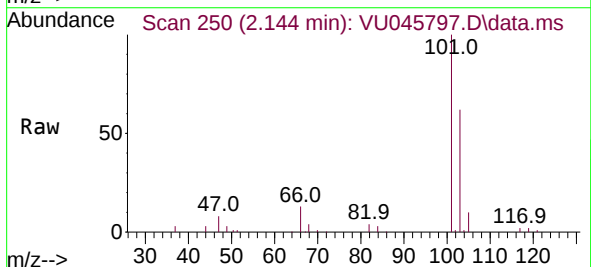
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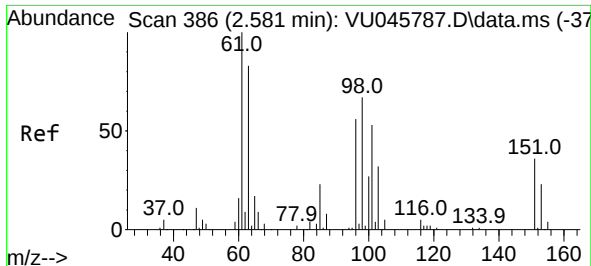
Tgt Ion: 64 Resp: 26250
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.371 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion:101 Resp: 56573
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

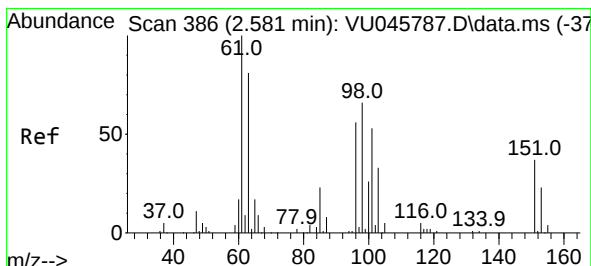
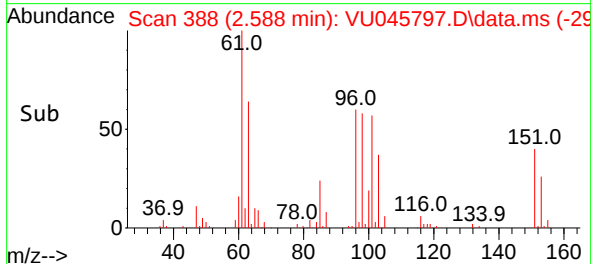
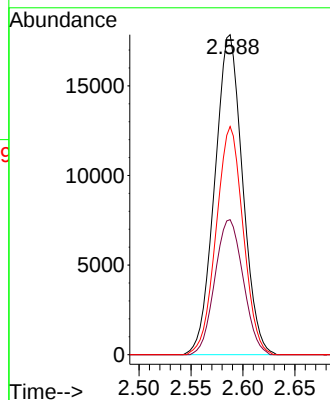
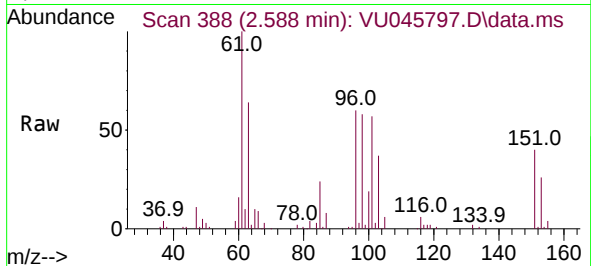




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.388 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.006 min
 Lab File: VU045797.D
 Acq: 15 Nov 2021 17:25

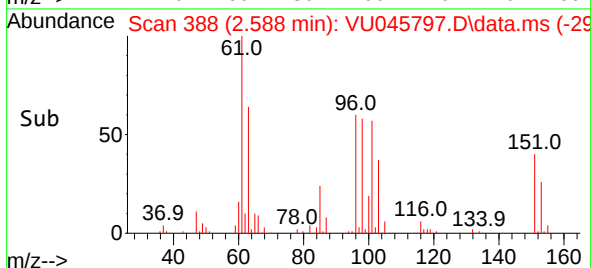
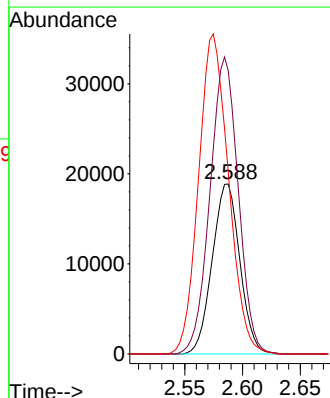
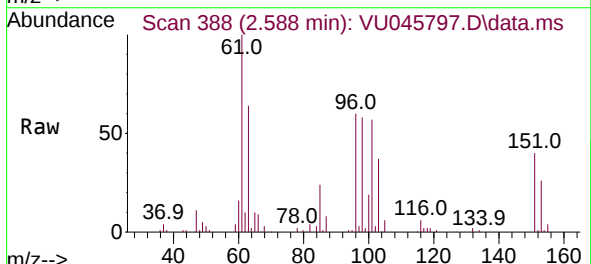
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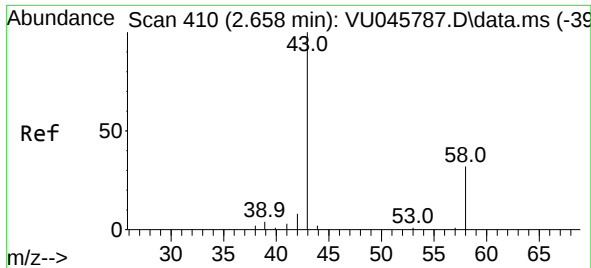
Tgt Ion:101 Resp: 33280
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.6 51.8
 151 69.2 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.378 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.006 min
 Lab File: VU045797.D
 Acq: 15 Nov 2021 17:25

Tgt Ion: 96 Resp: 31365
 Ion Ratio Lower Upper
 96 100
 61 166.9 124.7 231.5
 63 107.3 105.2 195.4





#13

Acetone

Concen: 55.106 ug/L

RT: 2.684 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

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MSVOA_U

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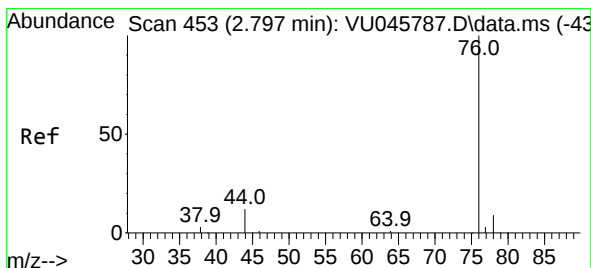
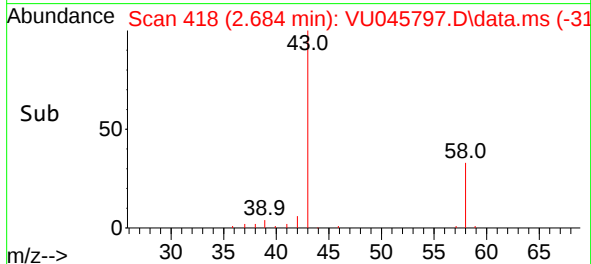
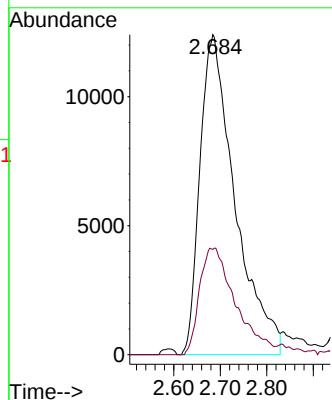
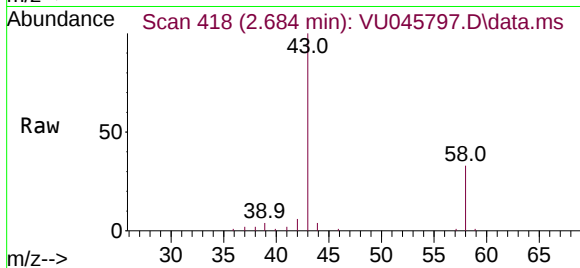
VSTD005122

Tgt Ion: 43 Resp: 64881

Ion Ratio Lower Upper

43 100

58 13.0 0.0 71.6



#14

Carbon disulfide

Concen: 5.073 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU045797.D

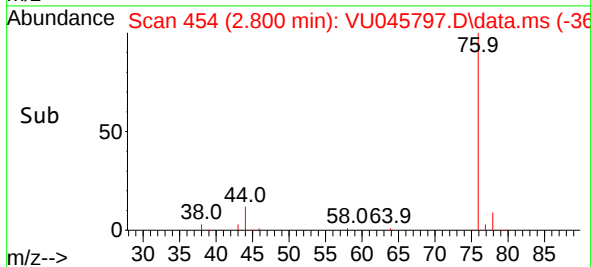
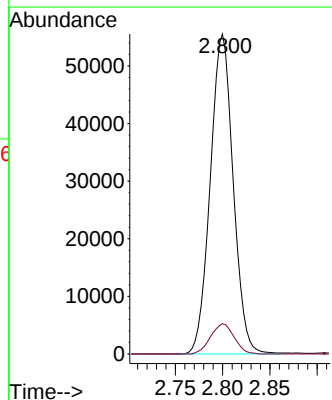
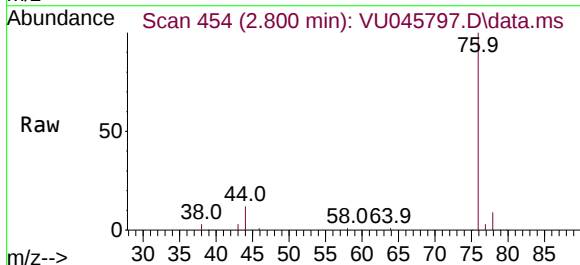
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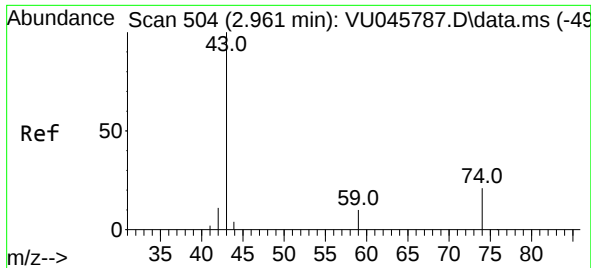
Tgt Ion: 76 Resp: 93566

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

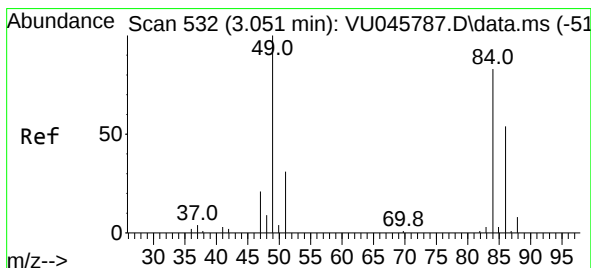
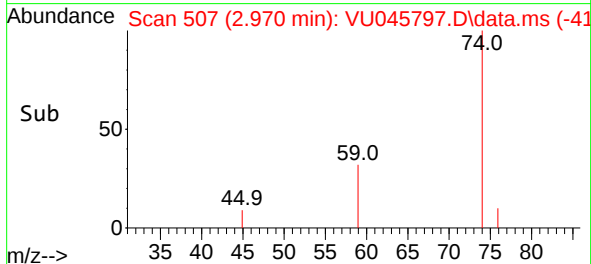
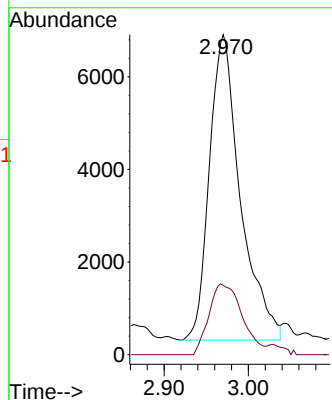
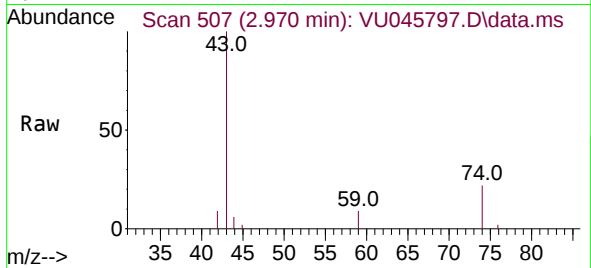




#15
Methyl Acetate
Concen: 5.845 ug/L
RT: 2.970 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

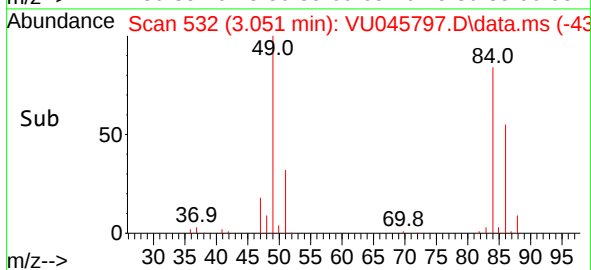
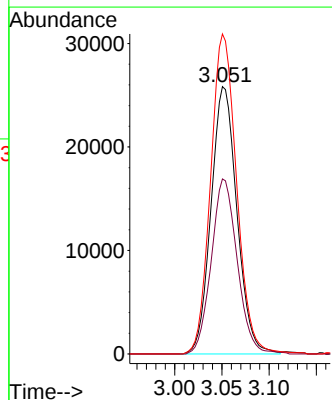
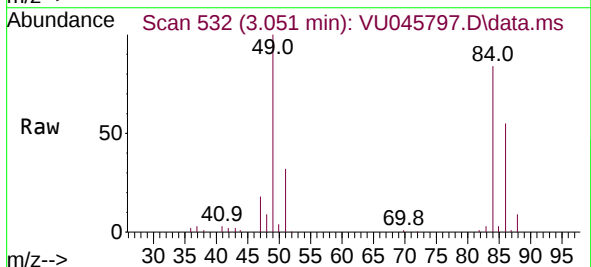
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

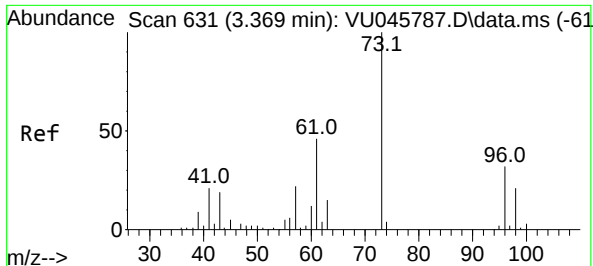
Tgt Ion: 43 Resp: 16886
Ion Ratio Lower Upper
43 100
74 24.9 19.1 28.7



#16
Methylene chloride
Concen: 5.711 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion: 84 Resp: 49170
Ion Ratio Lower Upper
84 100
86 65.5 45.8 85.0
49 119.7 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.662 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005122

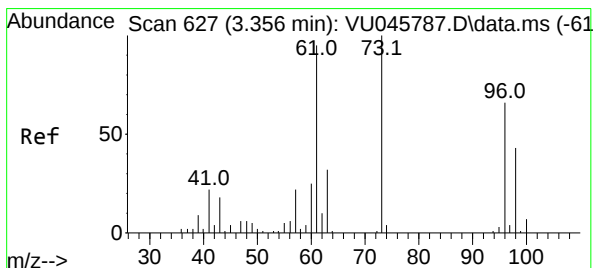
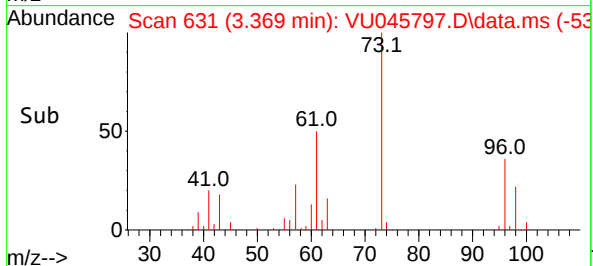
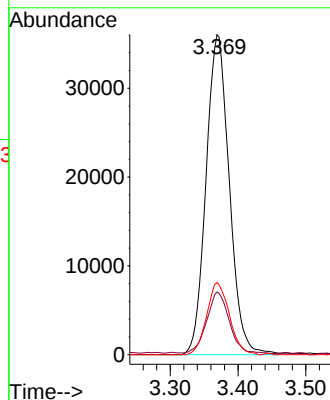
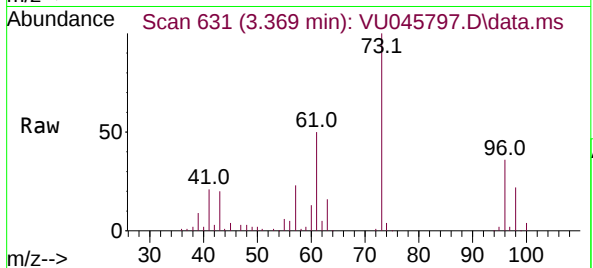
Tgt Ion: 73 Resp: 85971

Ion Ratio Lower Upper

73 100

43 18.5 14.8 22.2

57 21.9 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.188 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.003 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

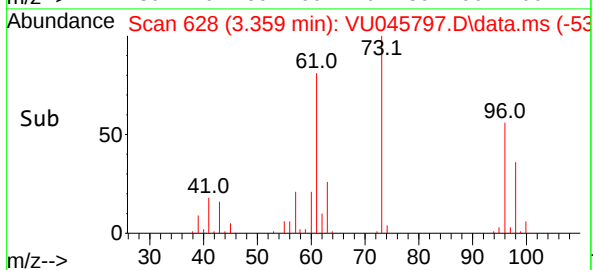
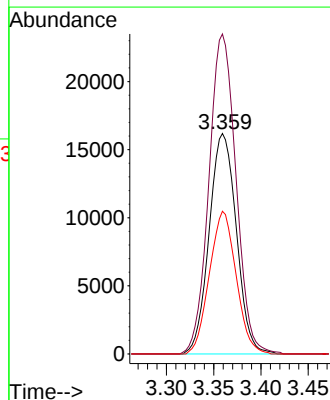
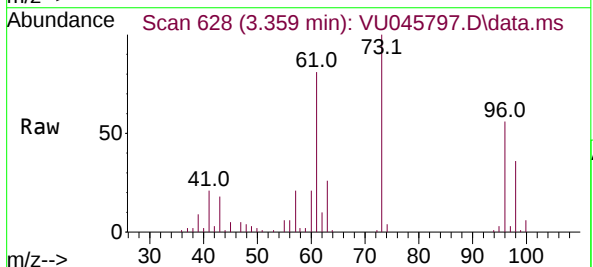
Tgt Ion: 96 Resp: 32435

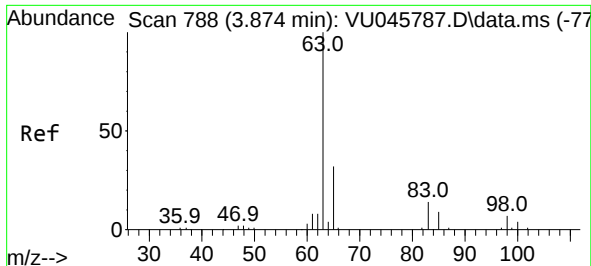
Ion Ratio Lower Upper

96 100

61 145.1 100.8 187.2

98 64.8 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.368 ug/L

RT: 3.877 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005122

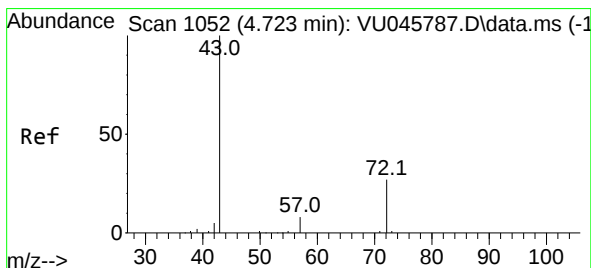
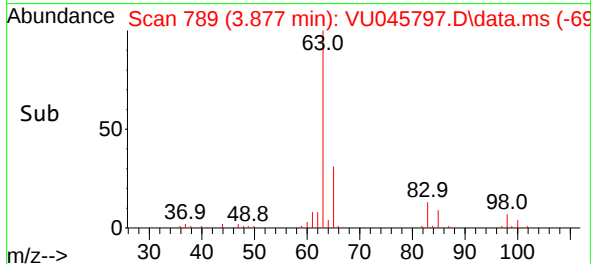
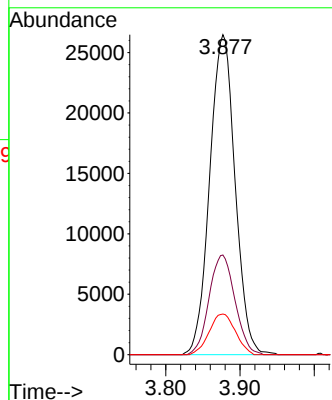
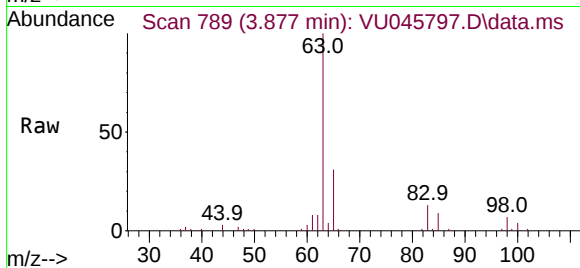
Tgt Ion: 63 Resp: 62869

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.5

83 12.7 9.6 17.8



#21

2-Butanone

Concen: 61.077 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. 0.013 min

Lab File: VU045797.D

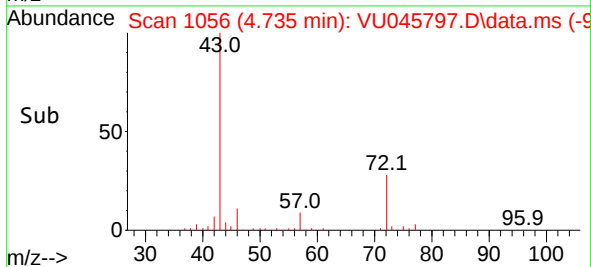
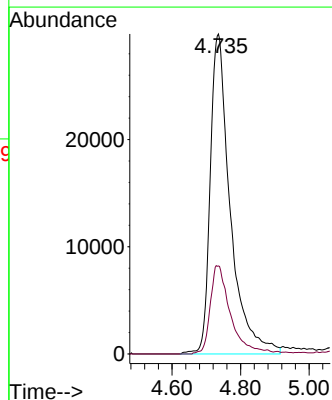
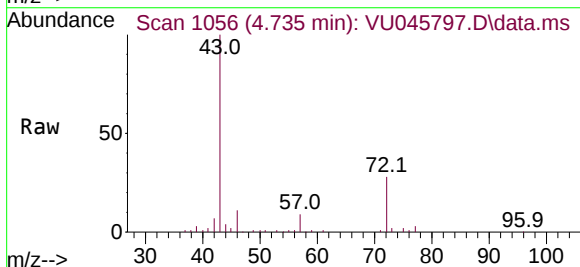
Acq: 15 Nov 2021 17:25

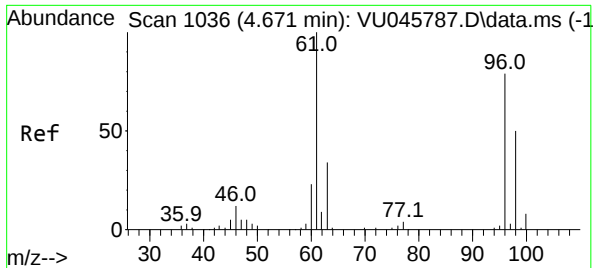
Tgt Ion: 43 Resp: 120994

Ion Ratio Lower Upper

43 100

72 27.5 14.1 42.3

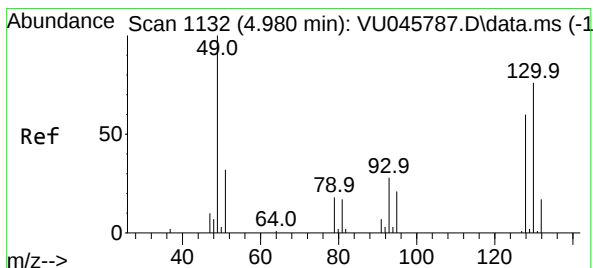
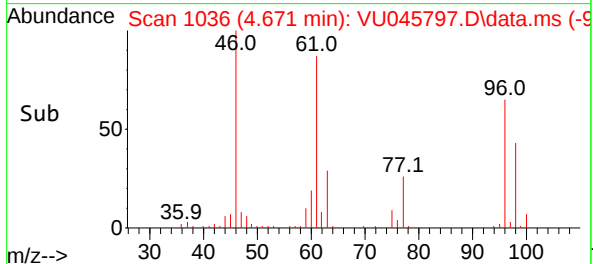
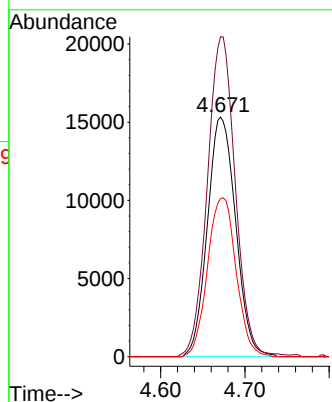
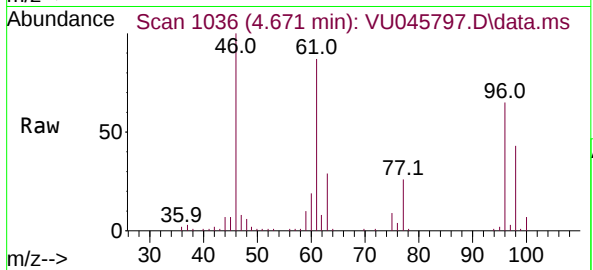




#22
 cis-1,2-Dichloroethene
 Concen: 5.276 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU045797.D
 Acq: 15 Nov 2021 17:25

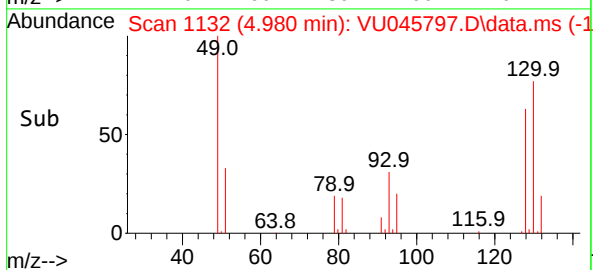
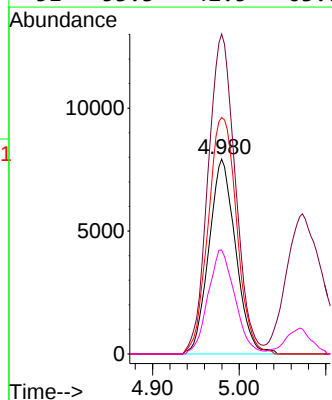
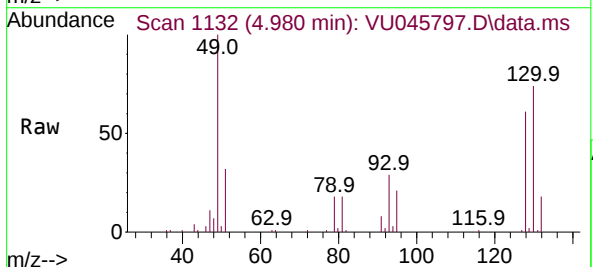
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

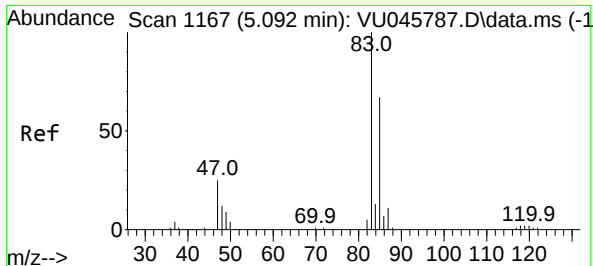
Tgt Ion: 96	Resp:	35760
Ion	Ratio	Lower Upper
96	100	
61	133.5	88.5 164.3
98	65.9	44.4 82.5



#23
 Bromochloromethane
 Concen: 5.760 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU045797.D
 Acq: 15 Nov 2021 17:25

Tgt Ion: 128	Resp:	17016
Ion	Ratio	Lower Upper
128	100	
49	164.3	117.0 217.2
130	121.4	88.2 163.8
51	53.3	42.5 63.7





#25

Chloroform

Concen: 5.249 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

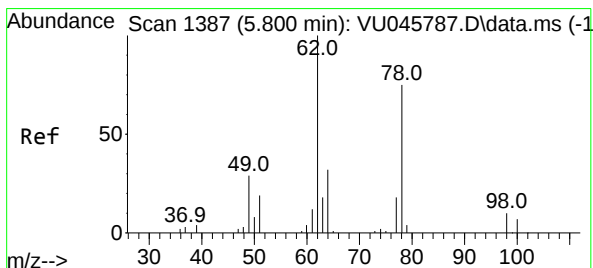
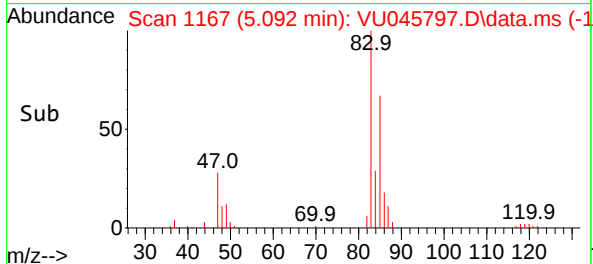
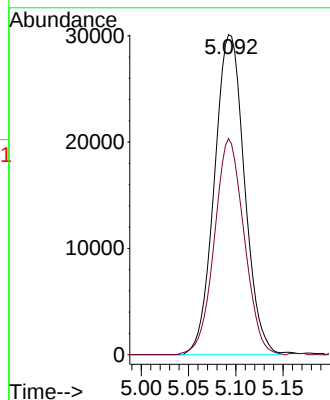
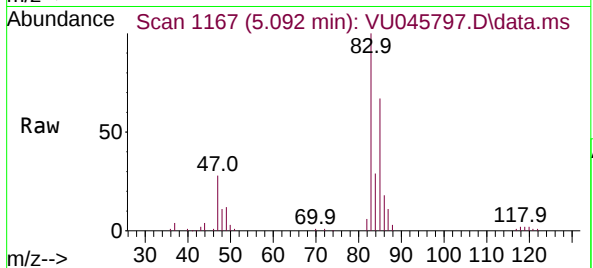
VSTD005122

Tgt Ion: 83 Resp: 66695

Ion Ratio Lower Upper

83 100

85 67.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.435 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045797.D

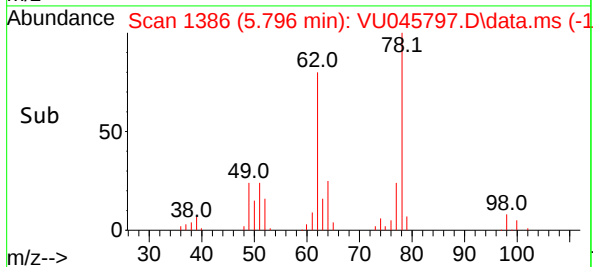
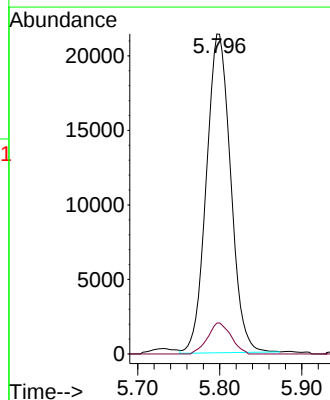
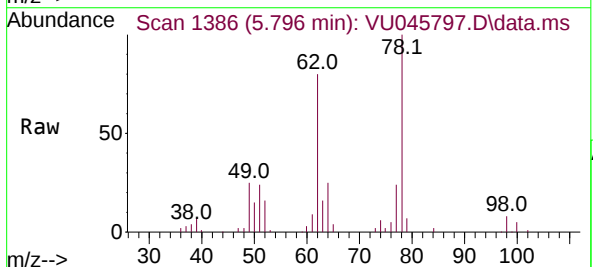
Acq: 15 Nov 2021 17:25

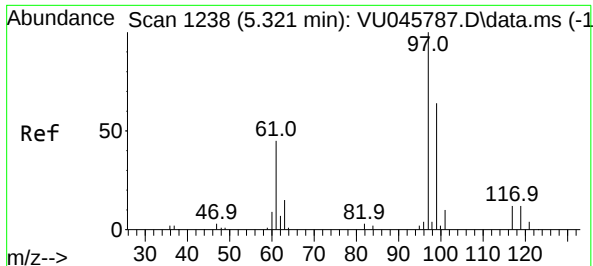
Tgt Ion: 62 Resp: 44060

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.252 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005122

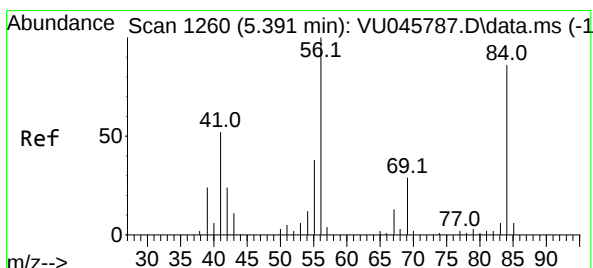
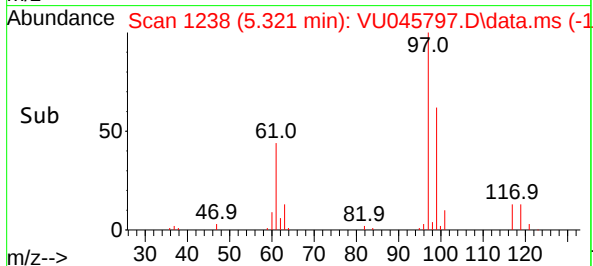
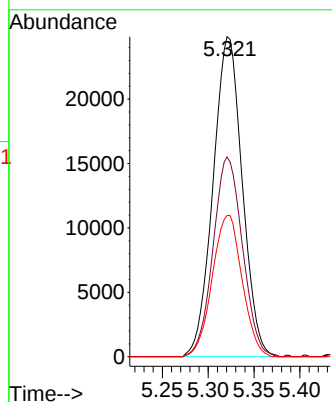
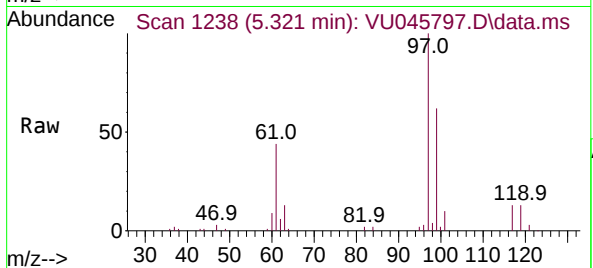
Tgt Ion: 97 Resp: 54958

Ion Ratio Lower Upper

97 100

99 62.9 51.3 76.9

61 45.1 36.1 54.1



#30

Cyclohexane

Concen: 5.127 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

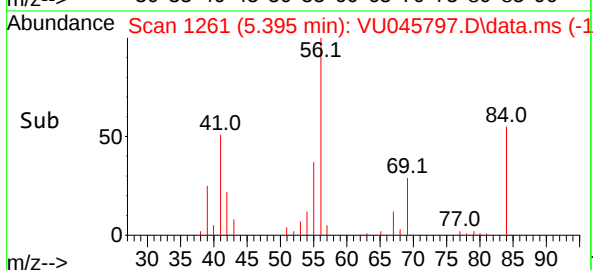
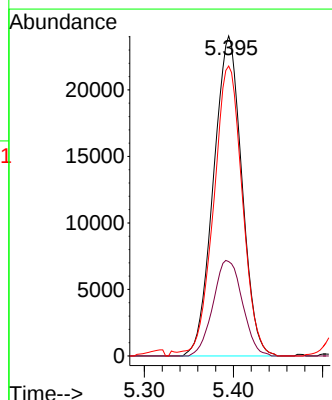
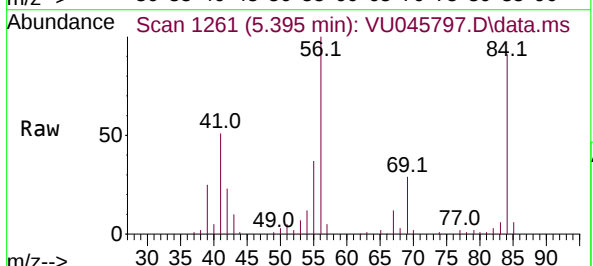
Tgt Ion: 56 Resp: 53212

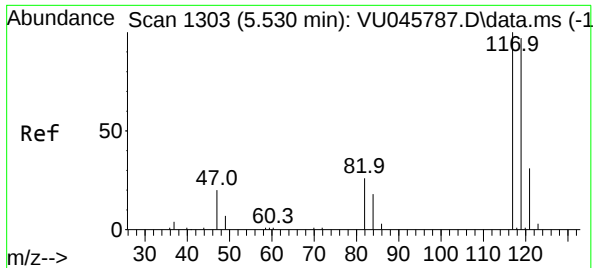
Ion Ratio Lower Upper

56 100

69 30.8 24.7 37.1

84 91.4 71.8 107.6

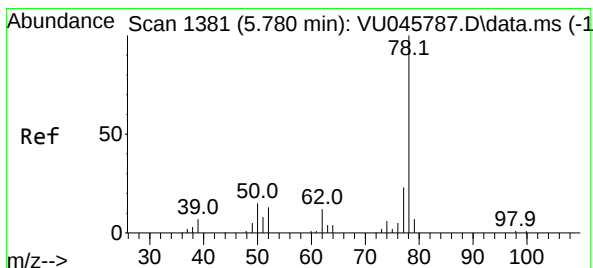
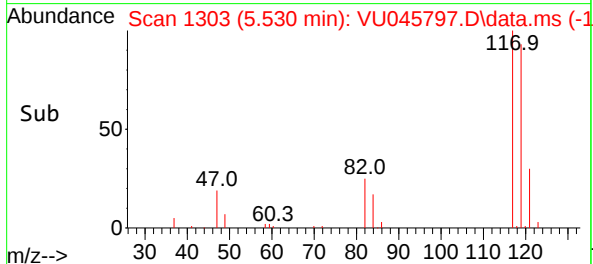
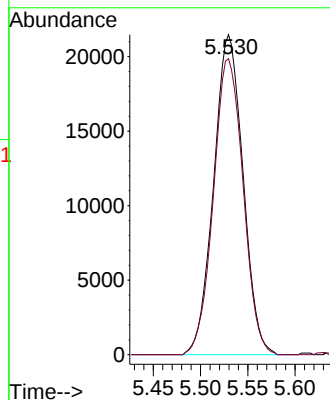
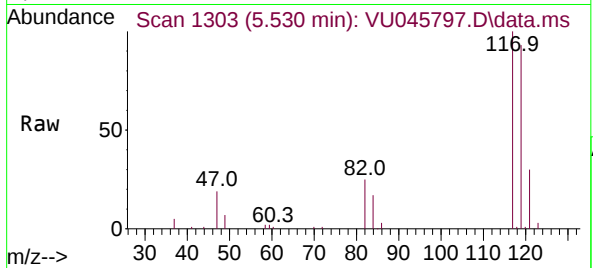




#31
Carbon tetrachloride
Concen: 5.264 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

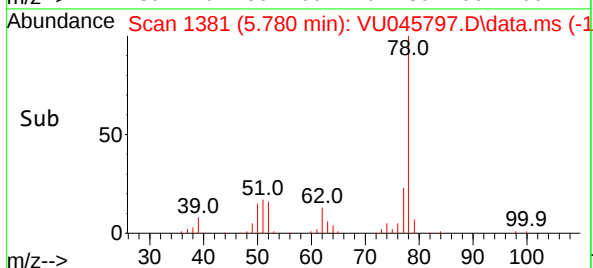
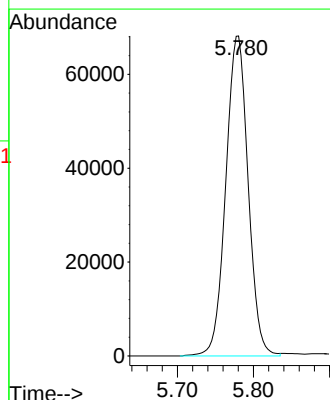
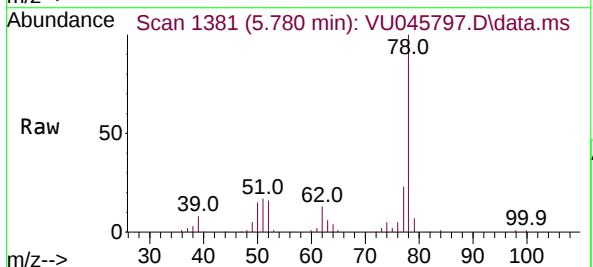
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

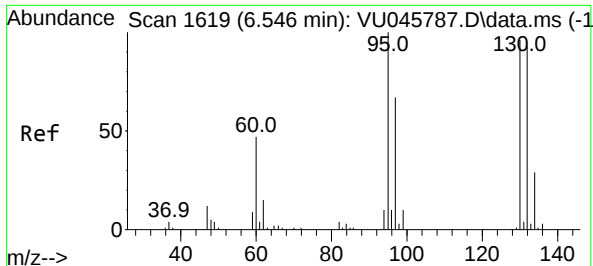
Tgt Ion:117 Resp: 46322
Ion Ratio Lower Upper
117 100
119 93.7 77.5 116.3



#33
Benzene
Concen: 5.173 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion: 78 Resp: 139032

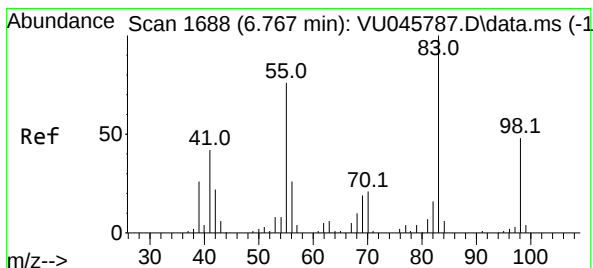
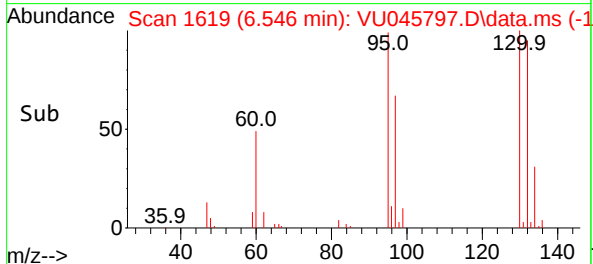
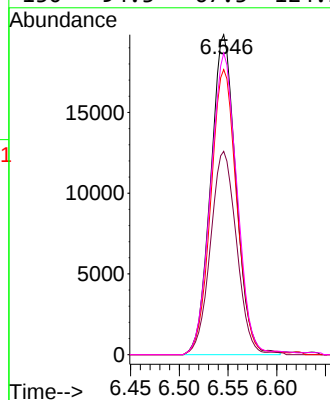
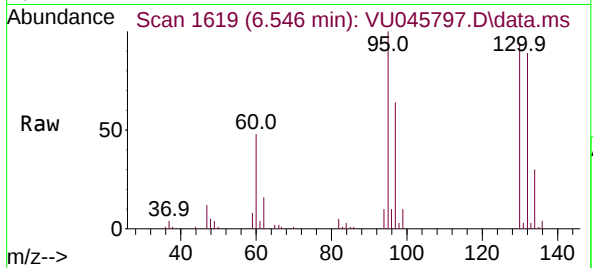




#34
Trichloroethene
Concen: 5.176 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

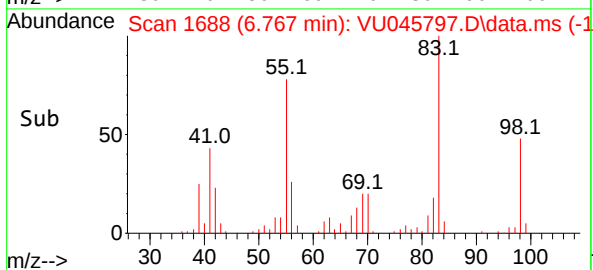
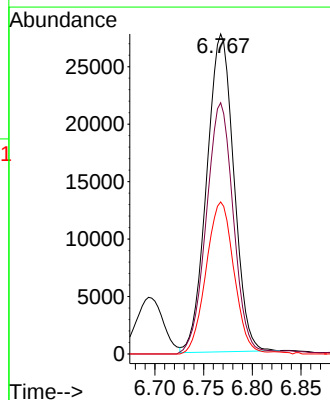
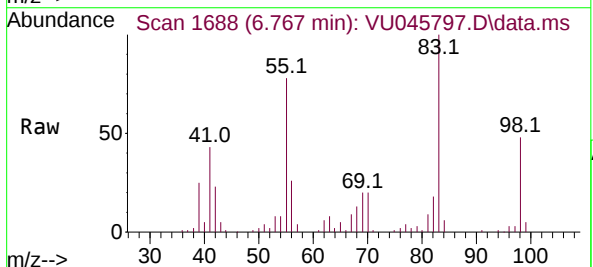
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

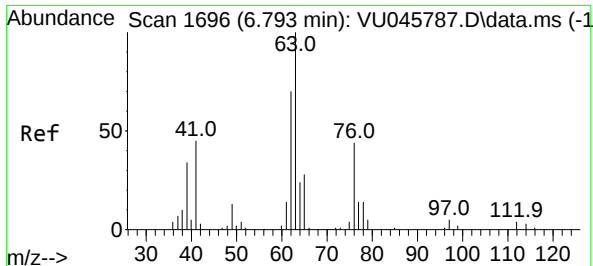
Tgt Ion: 95 Resp: 35848
Ion Ratio Lower Upper
95 100
97 63.5 46.5 86.5
132 89.1 65.1 120.9
130 94.3 67.3 124.9



#35
Methylcyclohexane
Concen: 5.035 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion: 83 Resp: 53555
Ion Ratio Lower Upper
83 100
55 79.4 61.9 92.9
98 49.0 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.371 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

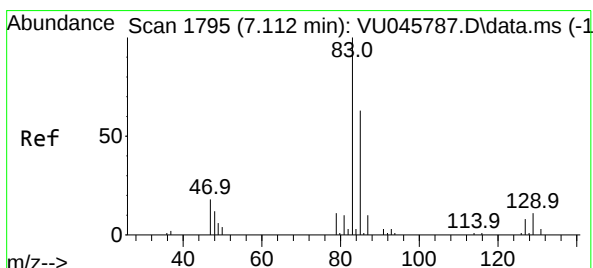
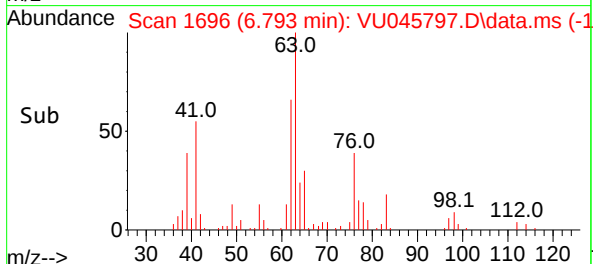
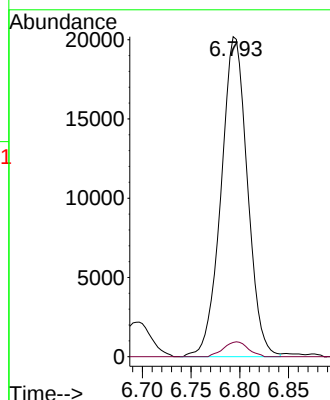
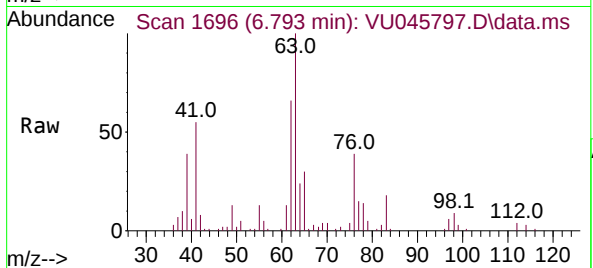
VSTD005122

Tgt Ion: 63 Resp: 37989

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 5.353 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

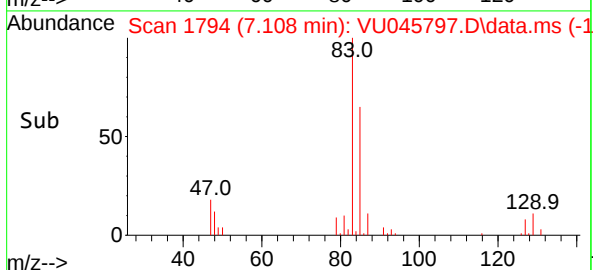
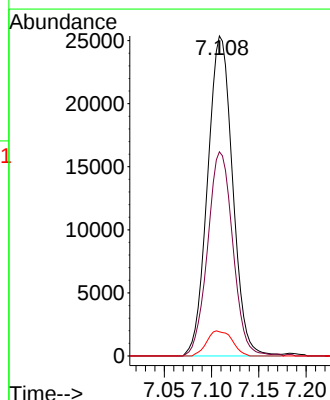
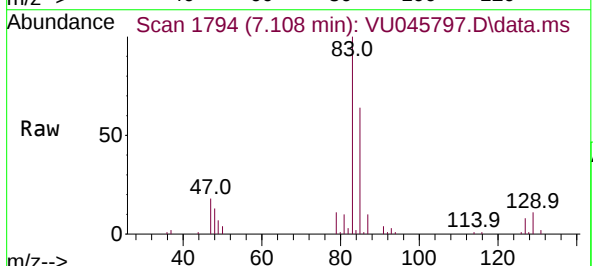
Tgt Ion: 83 Resp: 46711

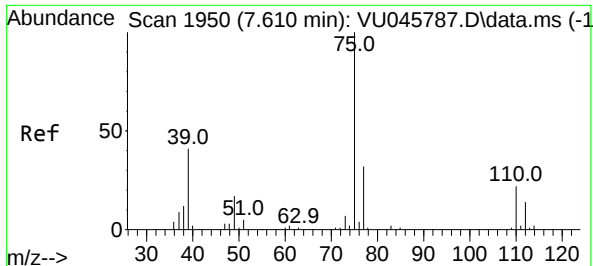
Ion Ratio Lower Upper

83 100

85 63.8 44.0 81.8

127 7.6 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.383 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

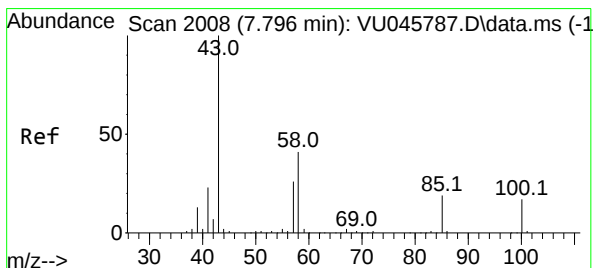
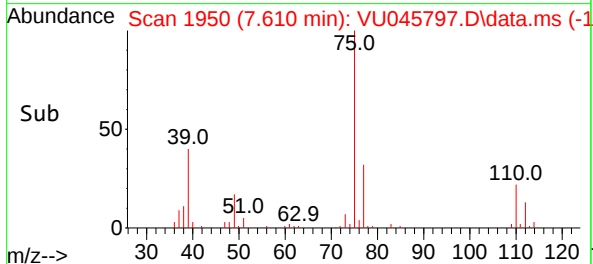
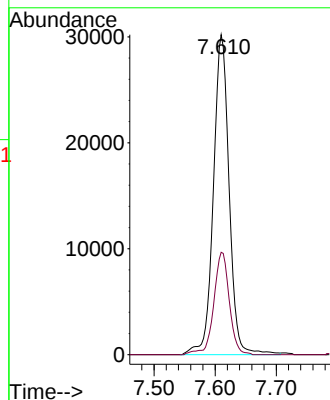
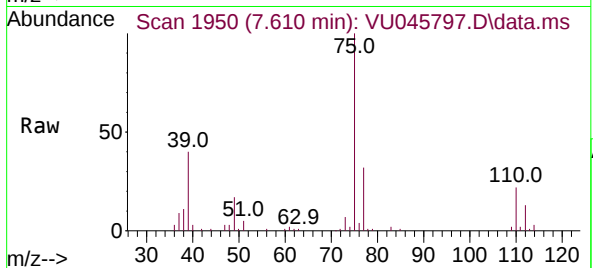
VSTD005122

Tgt Ion: 75 Resp: 54105

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 60.789 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

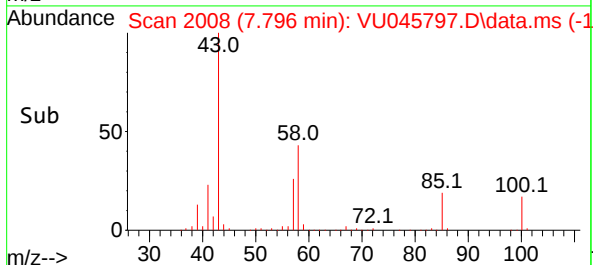
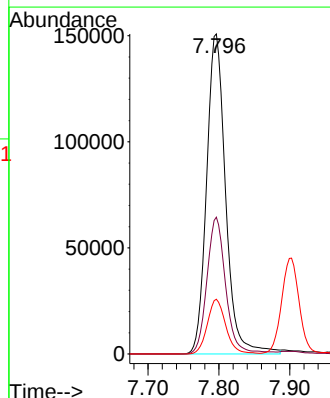
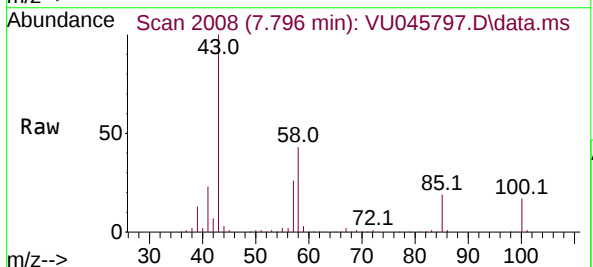
Tgt Ion: 43 Resp: 282004

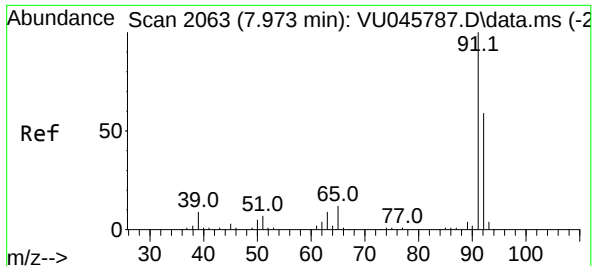
Ion Ratio Lower Upper

43 100

58 42.2 33.1 49.7

100 16.6 13.2 19.8





#42

Toluene

Concen: 5.490 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

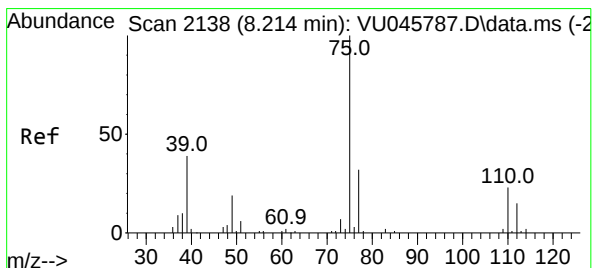
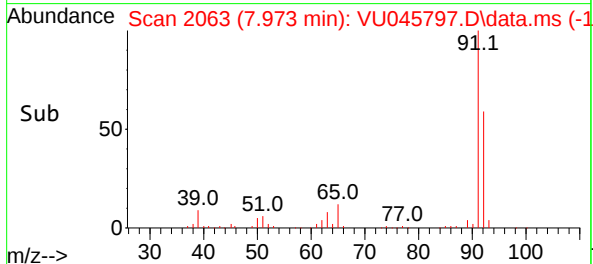
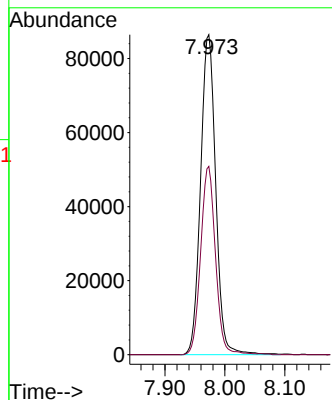
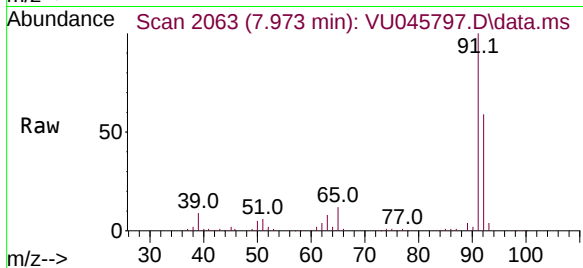
VSTD005122

Tgt Ion: 91 Resp: 152307

Ion Ratio Lower Upper

91 100

92 58.9 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.488 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU045797.D

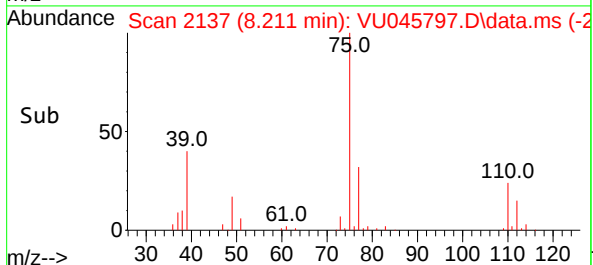
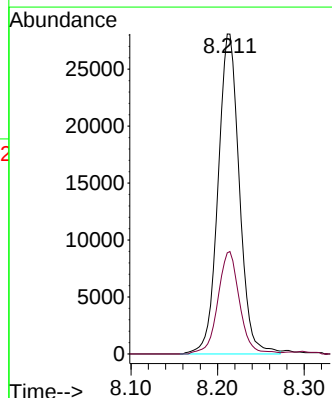
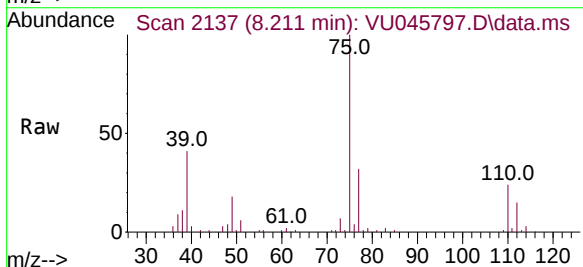
Acq: 15 Nov 2021 17:25

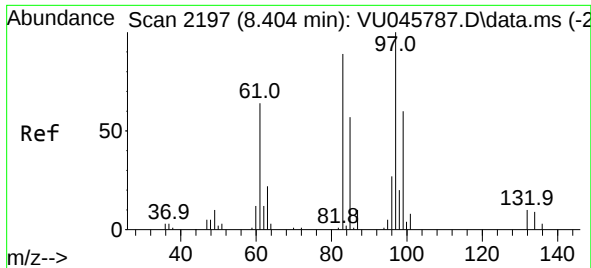
Tgt Ion: 75 Resp: 47988

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.3

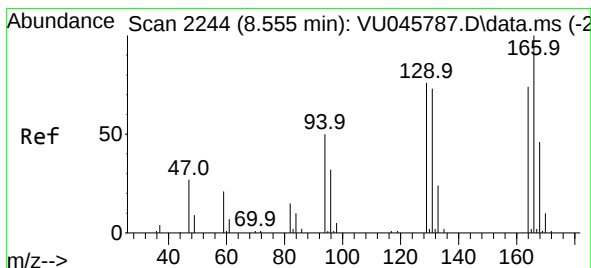
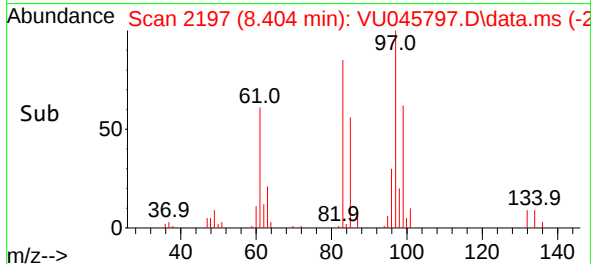
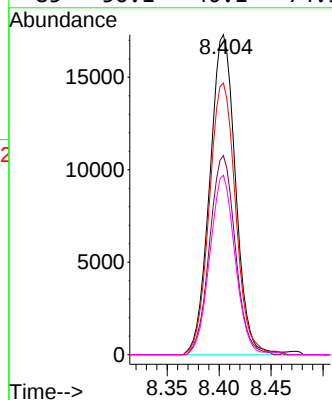
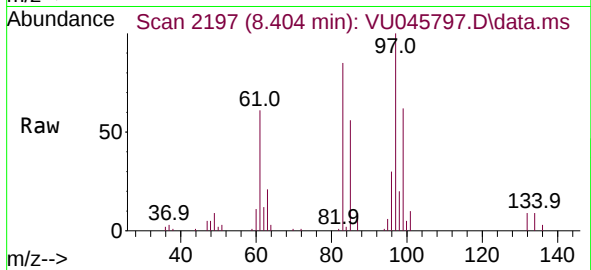




#45
1,1,2-Trichloroethane
Concen: 5.683 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

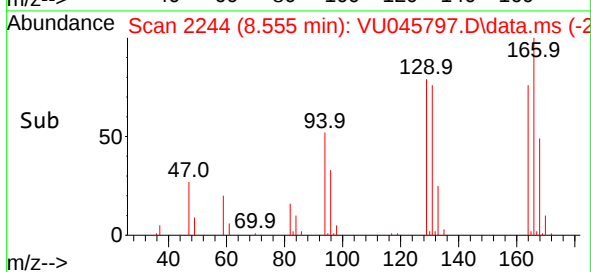
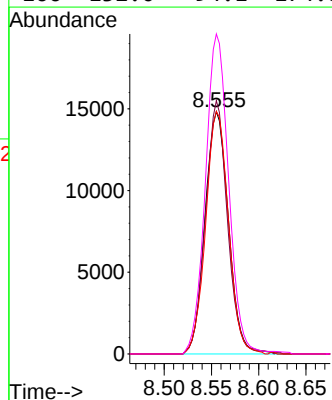
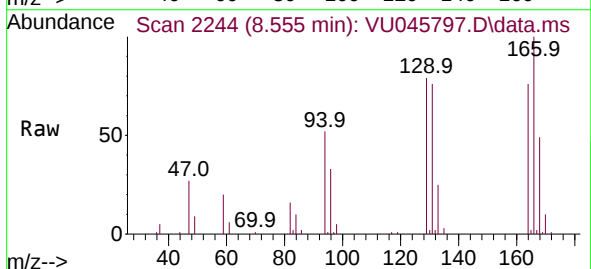
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

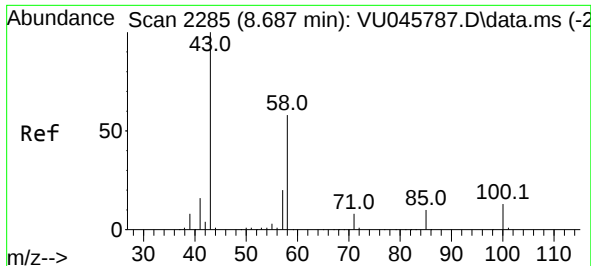
Tgt Ion:	97	Resp:	29839
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.3	78.5
83	84.9	62.0	115.2
85	56.1	40.1	74.5



#47
Tetrachloroethene
Concen: 5.281 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion:	164	Resp:	25605
Ion	Ratio	Lower	Upper
164	100		
129	104.5	71.8	133.4
131	100.1	68.5	127.3
166	132.0	94.1	174.8



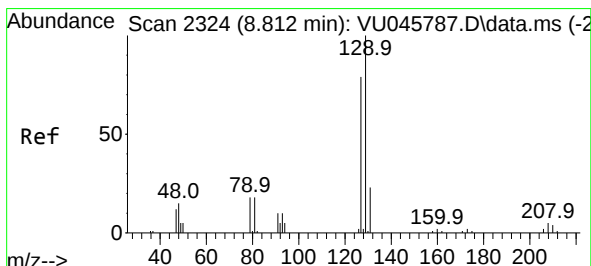
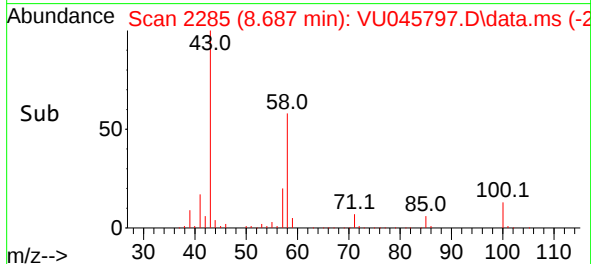
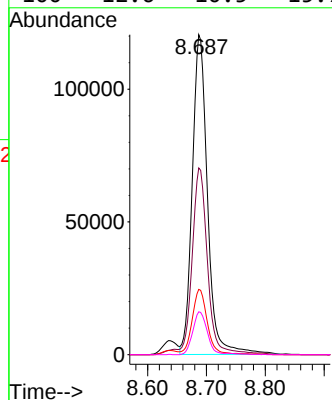
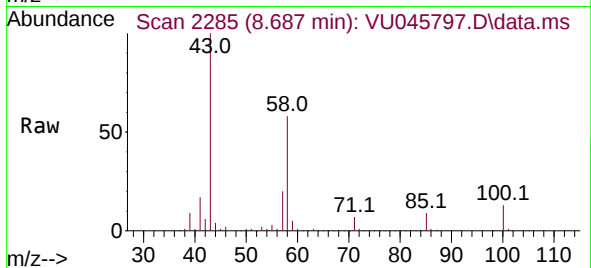


#48
2-Hexanone
Concen: 64.707 ug/L
RT: 8.687 min Scan# 216857
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

Tgt Ion: 43 Resp: 216857

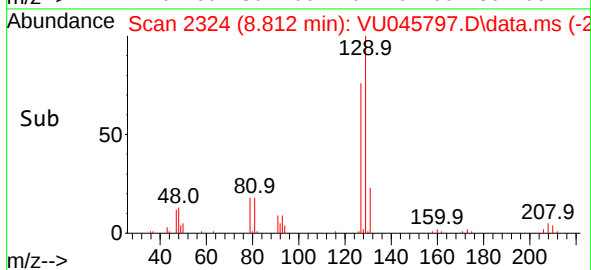
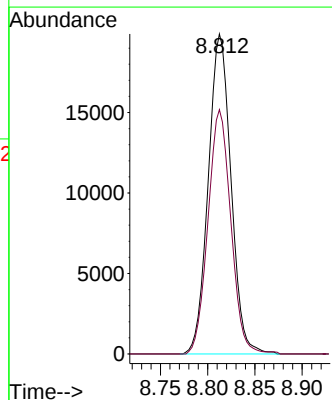
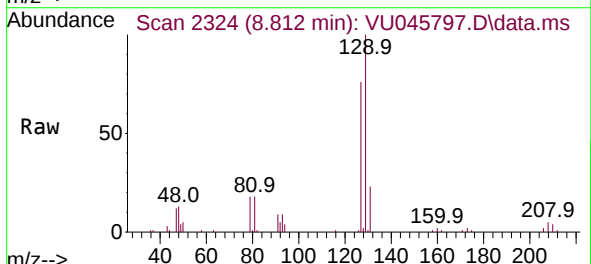
Ion	Ratio	Lower	Upper
43	100		
58	59.8	46.7	70.1
57	19.9	16.3	24.5
100	12.6	10.5	15.7

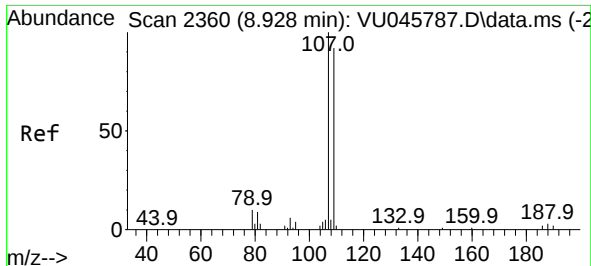


#49
Dibromochloromethane
Concen: 5.560 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion: 129 Resp: 33252

Ion	Ratio	Lower	Upper
129	100		
127	76.4	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.704 ug/L

RT: 8.928 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005122

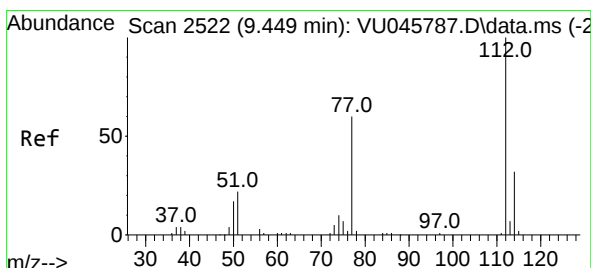
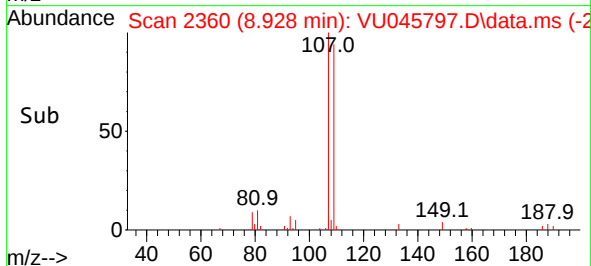
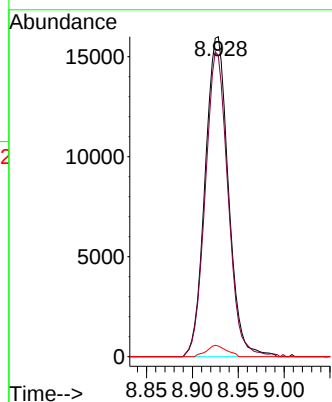
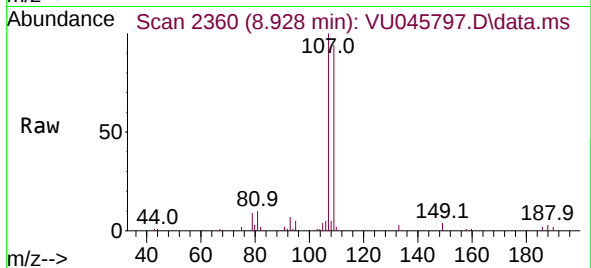
Tgt Ion:107 Resp: 28218

Ion Ratio Lower Upper

107 100

109 94.2 64.0 119.0

188 3.4 2.4 3.6



#51

Chlorobenzene

Concen: 5.411 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

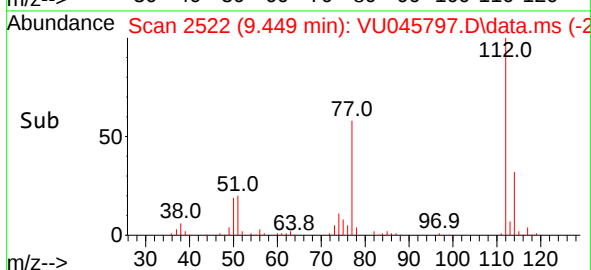
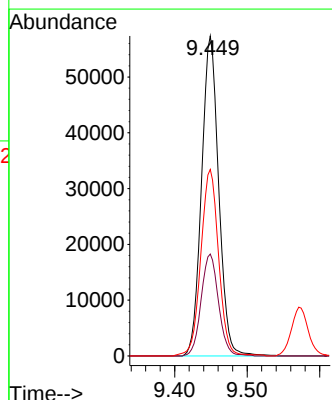
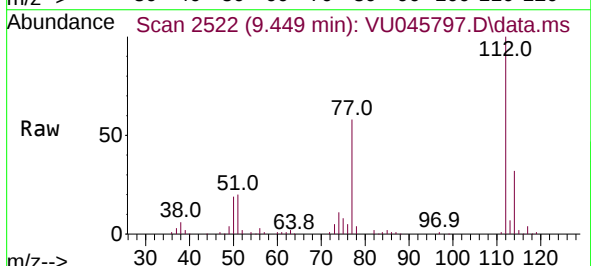
Tgt Ion:112 Resp: 94162

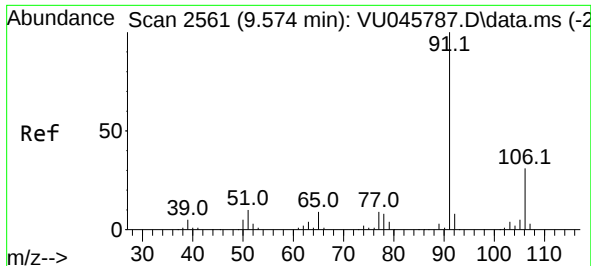
Ion Ratio Lower Upper

112 100

114 31.8 22.1 41.1

77 58.3 48.3 72.5

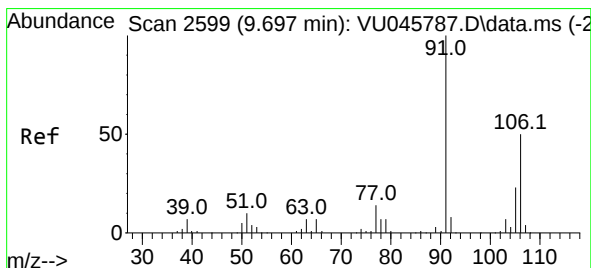
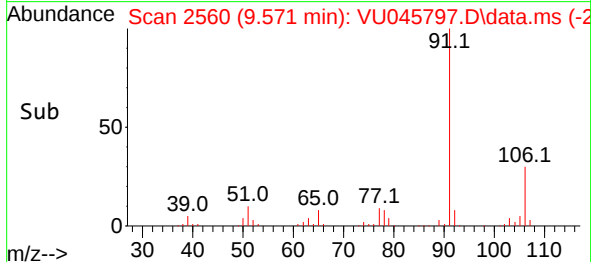
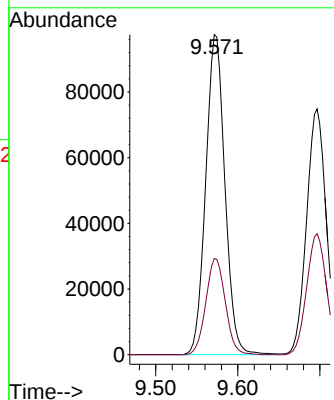
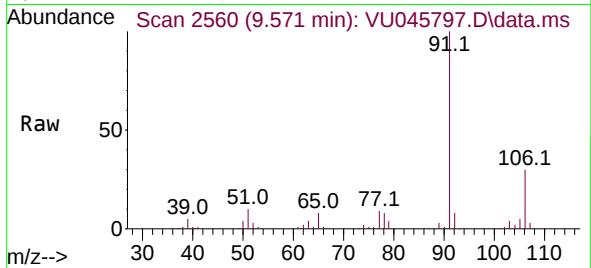




#52
Ethylbenzene
Concen: 5.458 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

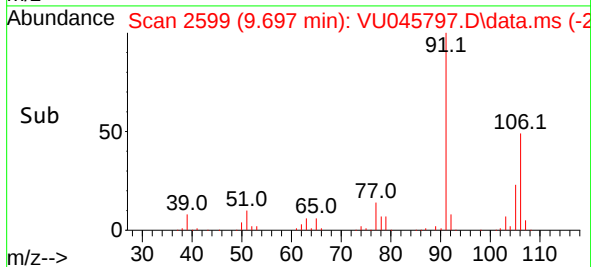
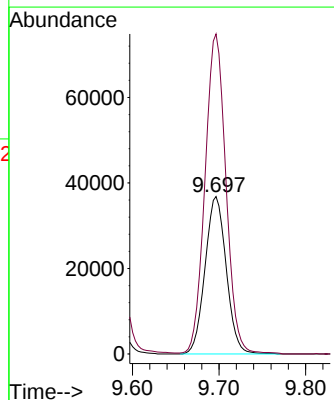
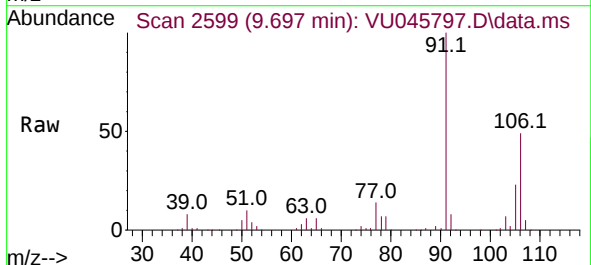
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

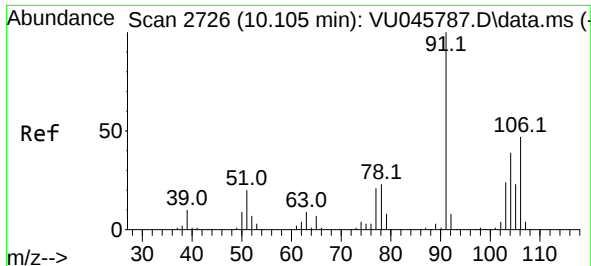
Tgt Ion: 91 Resp: 158494
Ion Ratio Lower Upper
91 100
106 30.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.632 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion:106 Resp: 62650
Ion Ratio Lower Upper
106 100
91 203.3 139.4 259.0

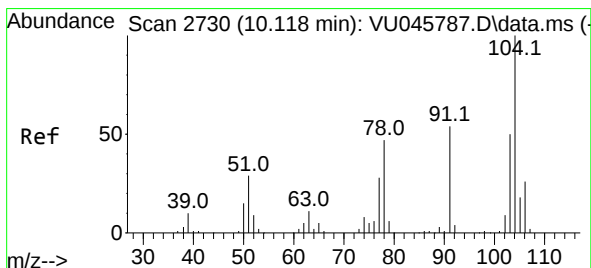
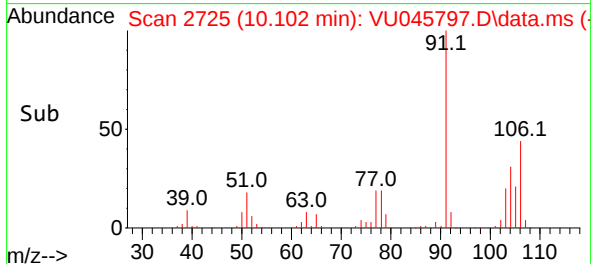
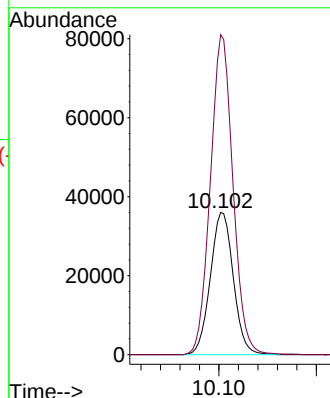
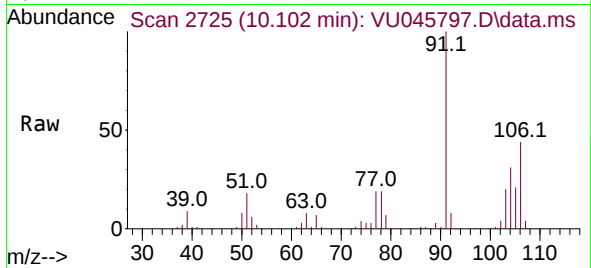




#54
o-Xylene
Concen: 5.497 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

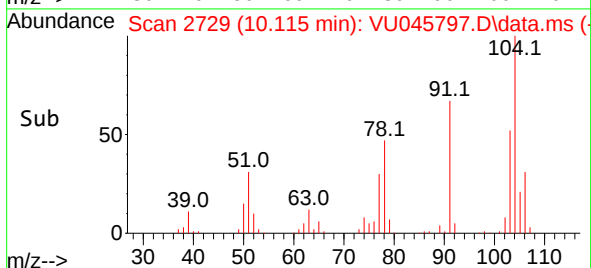
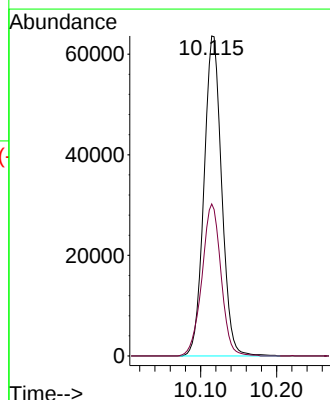
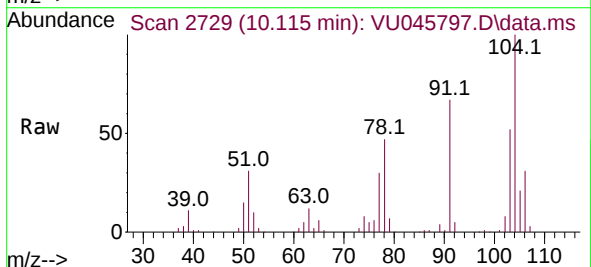
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

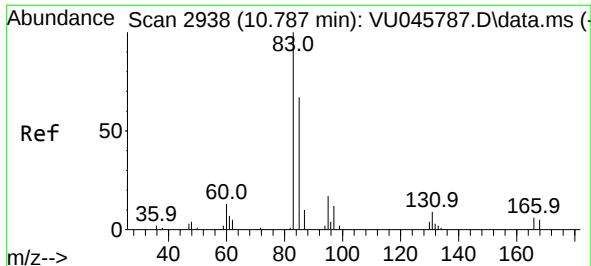
Tgt Ion:106 Resp: 59007
Ion Ratio Lower Upper
106 100
91 225.0 147.5 273.9



#55
Styrene
Concen: 5.690 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion:104 Resp: 102817
Ion Ratio Lower Upper
104 100
78 47.5 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.842 ug/L

RT: 10.783 min Scan# 2938

Delta R.T. -0.003 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005122

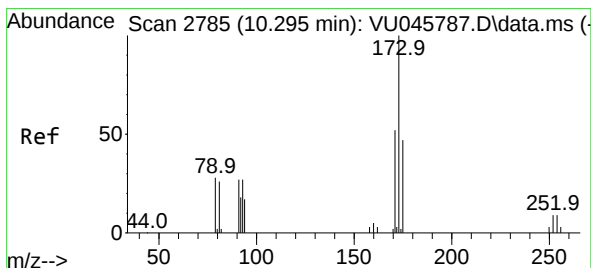
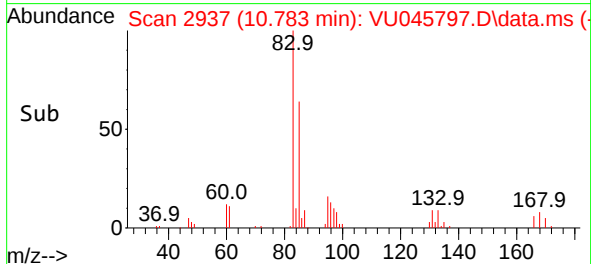
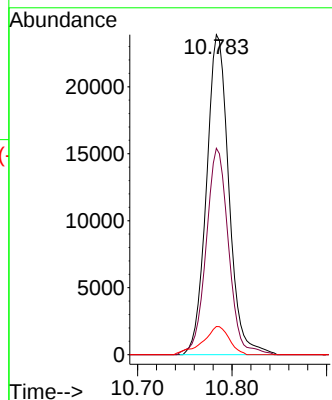
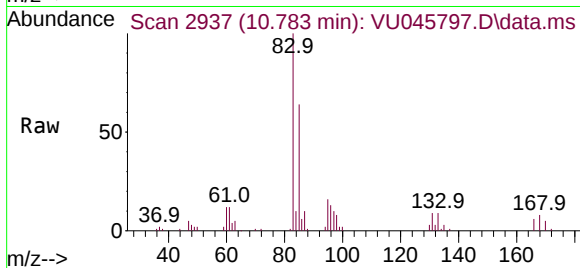
Tgt Ion: 83 Resp: 39291

Ion Ratio Lower Upper

83 100

85 64.5 47.9 89.1

131 8.8 8.1 12.1



#59

Bromoform

Concen: 5.772 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

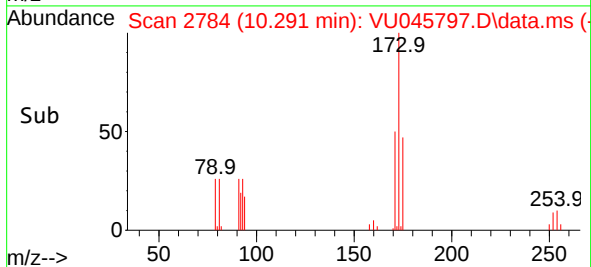
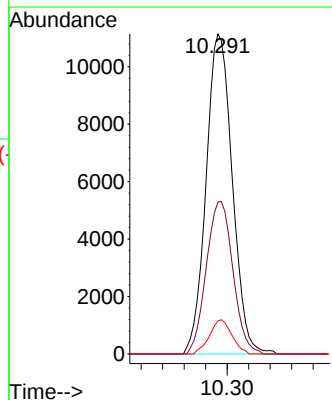
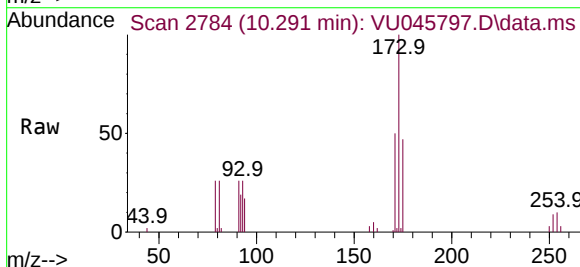
Tgt Ion:173 Resp: 18882

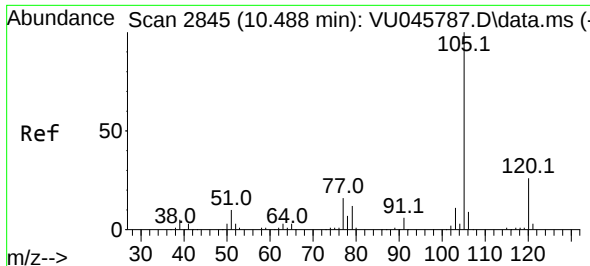
Ion Ratio Lower Upper

173 100

175 48.3 37.8 56.6

254 9.1 7.3 10.9

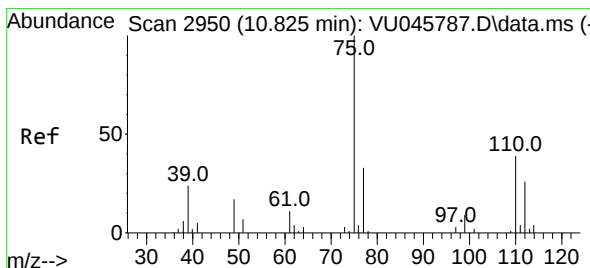
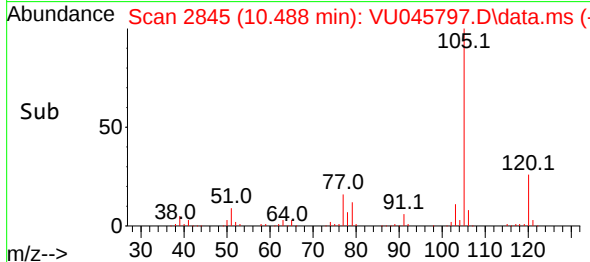
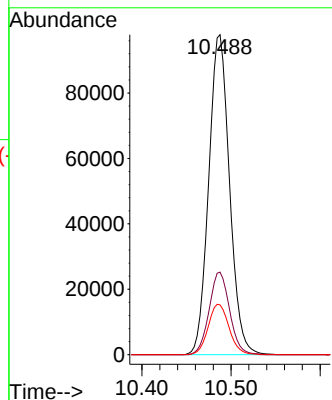
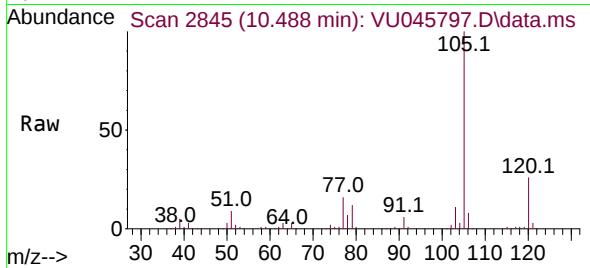




#60
Isopropylbenzene
Concen: 5.473 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

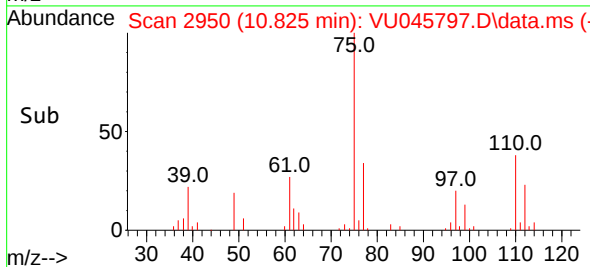
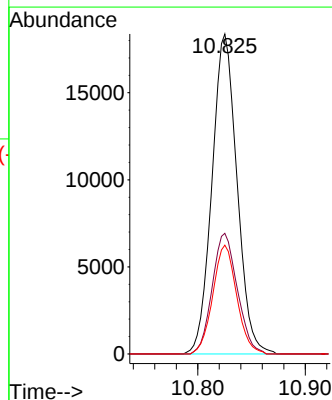
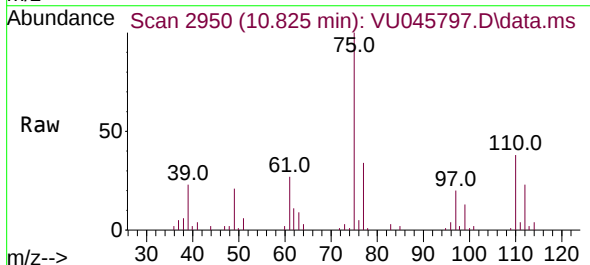
Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

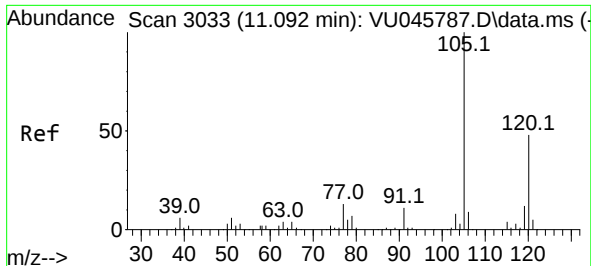
Tgt Ion:105 Resp: 158706
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.792 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion: 75 Resp: 29696
Ion Ratio Lower Upper
75 100
110 37.8 29.9 44.9
77 32.6 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.494 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

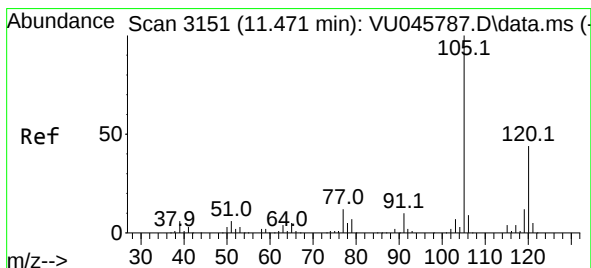
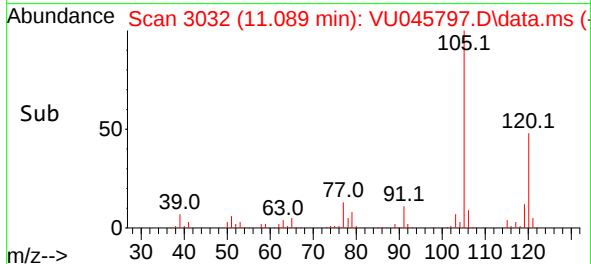
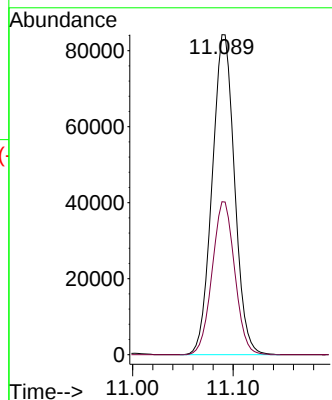
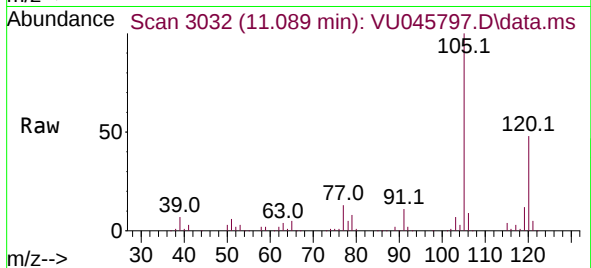
VSTD005122

Tgt Ion:105 Resp: 130264

Ion Ratio Lower Upper

105 100

120 48.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.568 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU045797.D

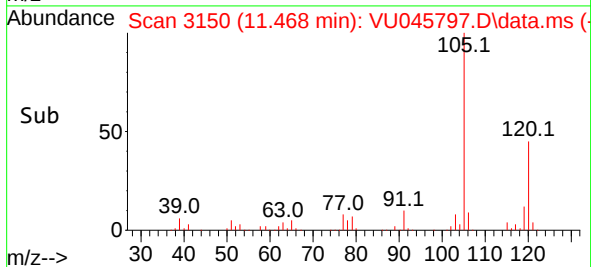
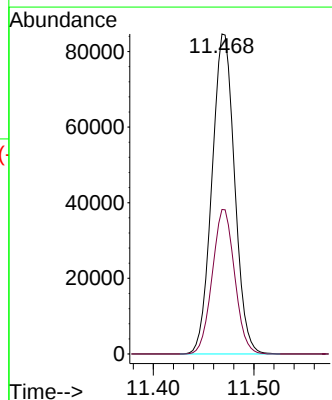
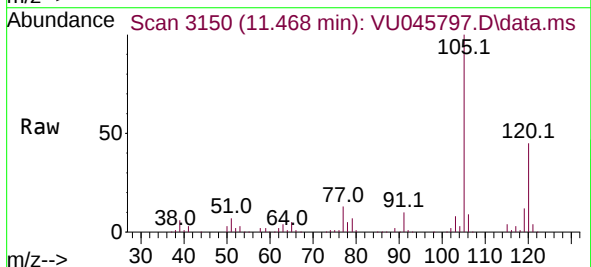
Acq: 15 Nov 2021 17:25

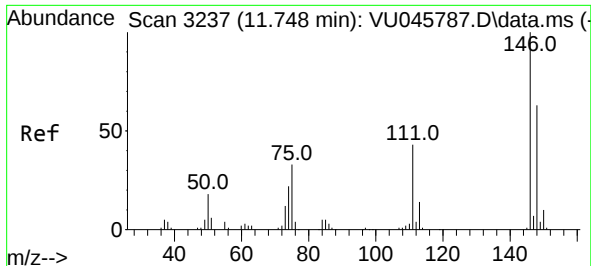
Tgt Ion:105 Resp: 132265

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.8

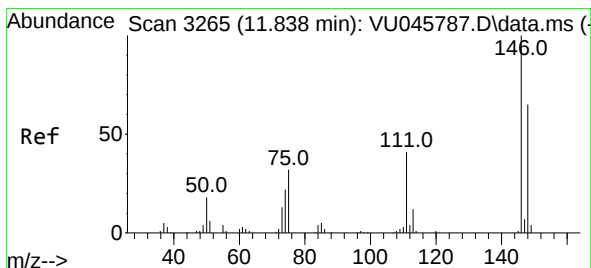
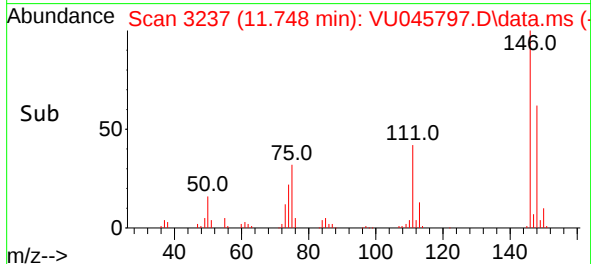
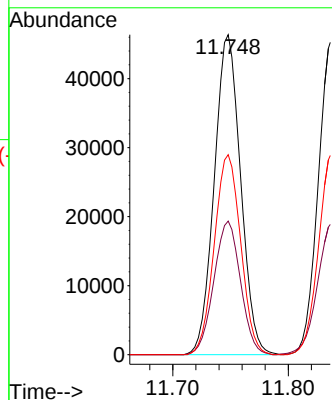
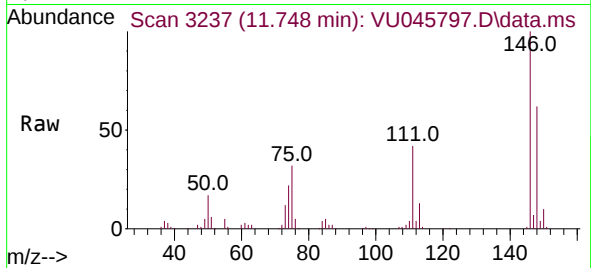




#64
 1,3-Dichlorobenzene
 Concen: 5.430 ug/L
 RT: 11.748 min Scan# 3237
 Delta R.T. -0.000 min
 Lab File: VU045797.D
 Acq: 15 Nov 2021 17:25

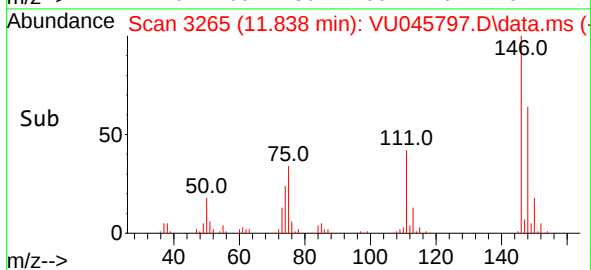
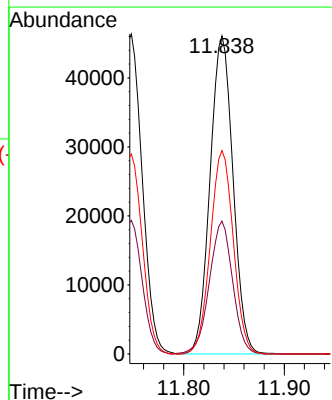
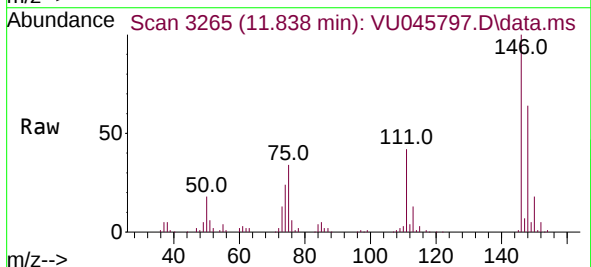
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

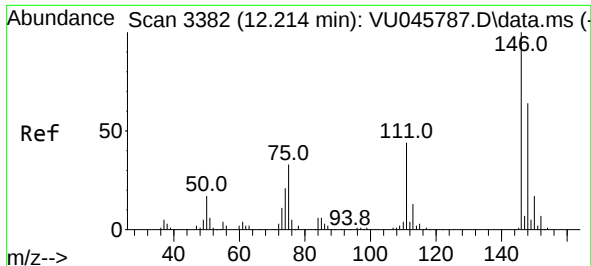
Tgt Ion:146 Resp: 73458
 Ion Ratio Lower Upper
 146 100
 111 41.8 29.9 55.5
 148 62.5 44.3 82.3



#65
 1,4-Dichlorobenzene
 Concen: 5.323 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. -0.000 min
 Lab File: VU045797.D
 Acq: 15 Nov 2021 17:25

Tgt Ion:146 Resp: 73155
 Ion Ratio Lower Upper
 146 100
 111 41.7 28.7 53.3
 148 63.9 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.447 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD005122

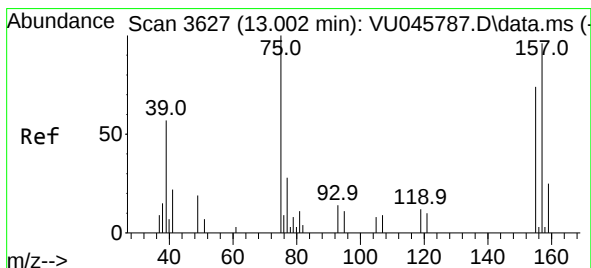
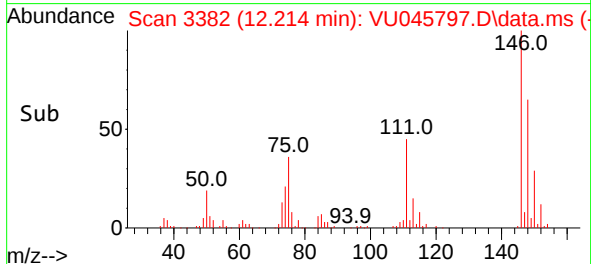
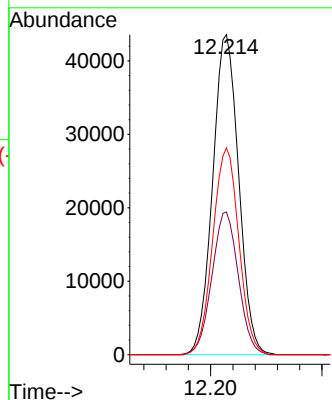
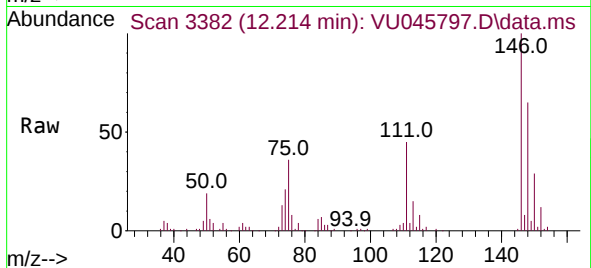
Tgt Ion:146 Resp: 70650

Ion Ratio Lower Upper

146 100

111 44.6 35.4 53.0

148 64.7 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.600 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.003 min

Lab File: VU045797.D

Acq: 15 Nov 2021 17:25

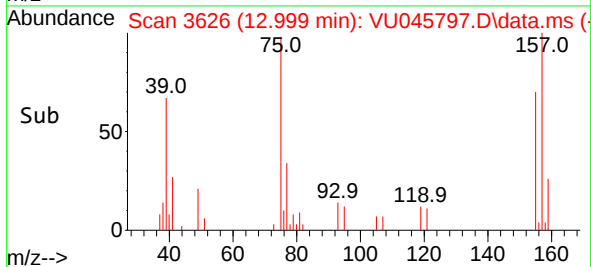
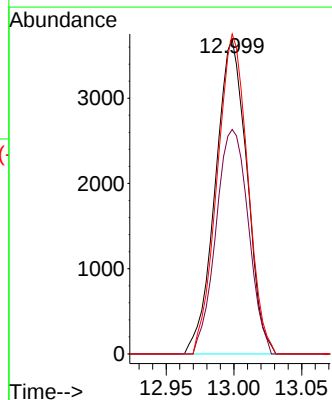
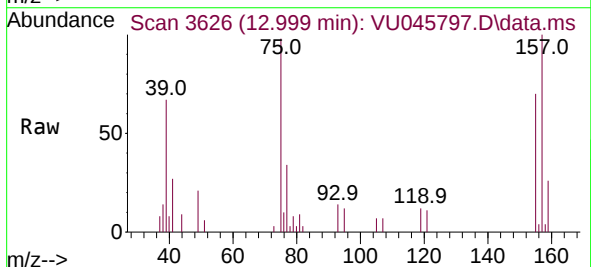
Tgt Ion: 75 Resp: 5974

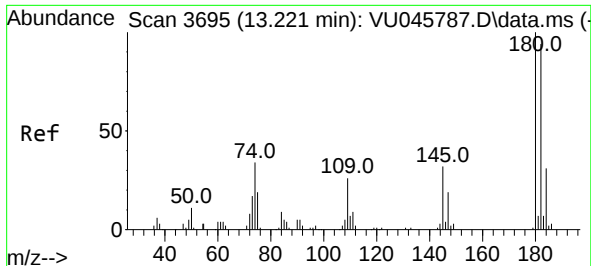
Ion Ratio Lower Upper

75 100

155 71.3 59.2 88.8

157 101.7 76.5 114.7

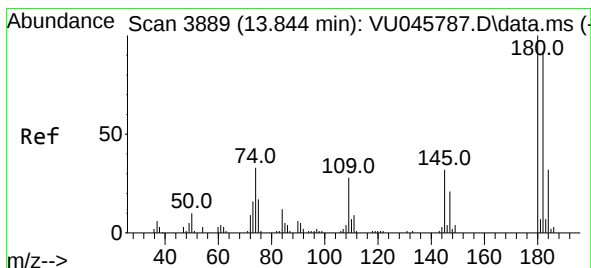
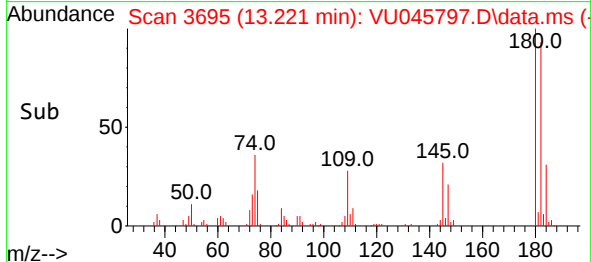
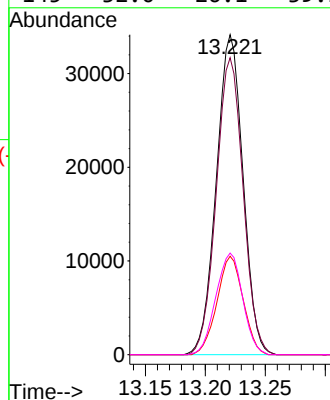
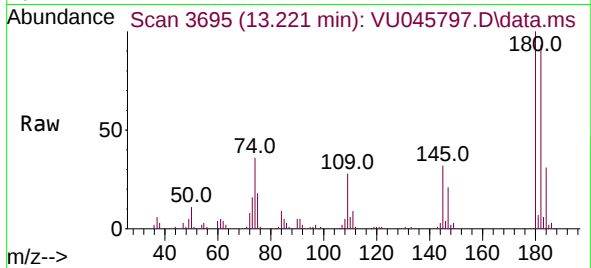




#69
 1,3,5-Trichlorobenzene
 Concen: 5.209 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU045797.D
 Acq: 15 Nov 2021 17:25

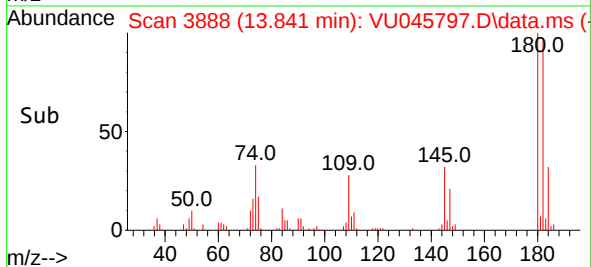
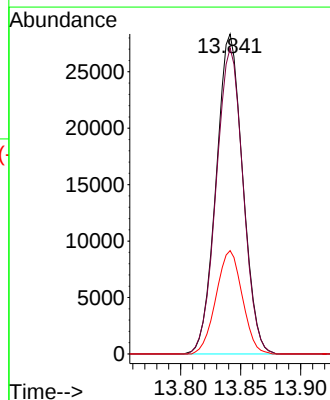
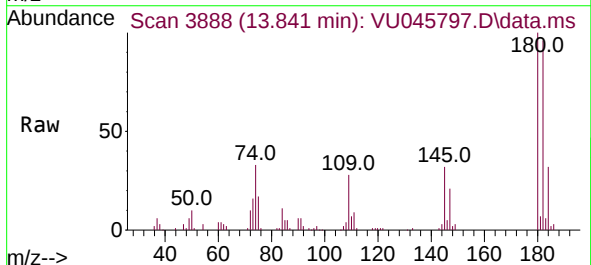
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005122

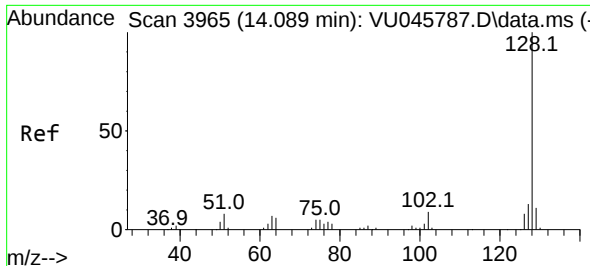
Tgt Ion:180	Resp:	52709
Ion Ratio	Lower	Upper
180	100	
182	93.4	76.1 114.1
184	30.1	25.0 37.4
145	32.0	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.100 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.003 min
 Lab File: VU045797.D
 Acq: 15 Nov 2021 17:25

Tgt Ion:180	Resp:	43668
Ion Ratio	Lower	Upper
180	100	
182	96.5	76.4 114.6
145	31.8	25.6 38.4

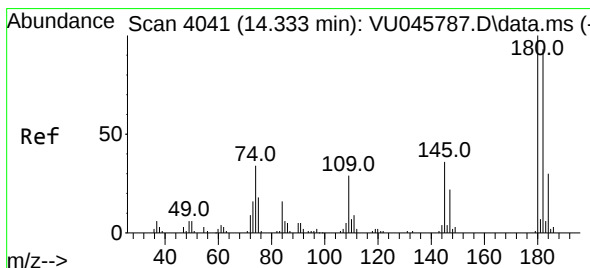
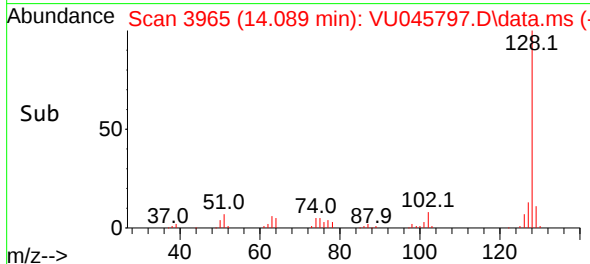
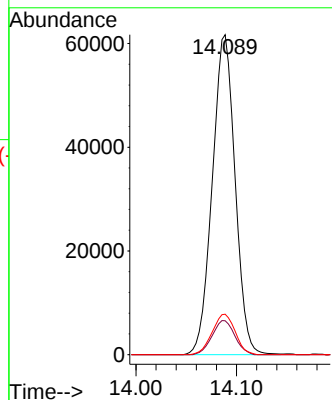
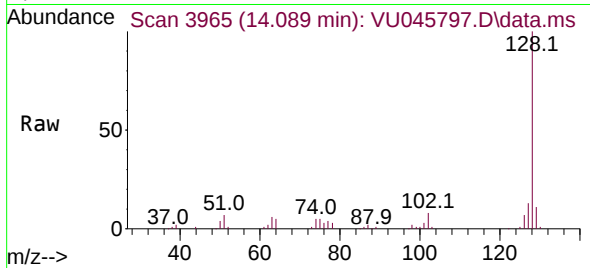




#71
Naphthalene
Concen: 5.525 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD005122

Tgt Ion:128	Resp:	97198
Ion Ratio	Lower	Upper
128	100	
129	10.6	8.4 12.6
127	12.8	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.272 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU045797.D
Acq: 15 Nov 2021 17:25

Tgt Ion:180	Resp:	44920
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.2 114.4
145	33.8	28.4 42.6

