

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045799.D
 Acq On : 16 Nov 2021 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 17:07:42 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	96175	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	51622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35479	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.919	69	28355	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.575	65	15043	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.655	46	117057	57.325	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.640%
24) Chloroform-d	5.070	84	62565	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.706	65	38505	5.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.732	84	129018	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.697	67	41275	4.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.902	98	117277	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.182	79	17863	5.137	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.639	63	96773	61.837	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42337	5.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	44326	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	40800	5.210	ug/L	98
3) Chloromethane	1.523	50	42311	5.099	ug/L	98
5) Vinyl chloride	1.607	62	43491	5.222	ug/L	100
6) Bromomethane	1.864	94	25066	5.074	ug/L	96
8) Chloroethane	1.941	64	26460	5.572	ug/L	97
9) Trichlorofluoromethane	2.144	101	57382	5.337	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33250	5.274	ug/L	99
12) 1,1-Dichloroethene	2.588	96	30677	5.153	ug/L	87
13) Acetone	2.694	43	66690	55.488	ug/L	61
14) Carbon disulfide	2.800	76	95982	5.098	ug/L	100
15) Methyl Acetate	2.973	43	18027	6.113	ug/L	99
16) Methylene chloride	3.054	84	36514	4.154	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	85776	5.534	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	32864	5.150	ug/L	98
19) 1,1-Dichloroethane	3.877	63	62912	5.262	ug/L	99
21) 2-Butanone	4.739	43	123024	60.836	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	35236	5.092	ug/L	98
23) Bromochloromethane	4.983	128	17432	5.780	ug/L	98
25) Chloroform	5.092	83	70402	5.428	ug/L	96

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 17:07:42 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 03:04:04 2021
 Response via : Initial Calibration

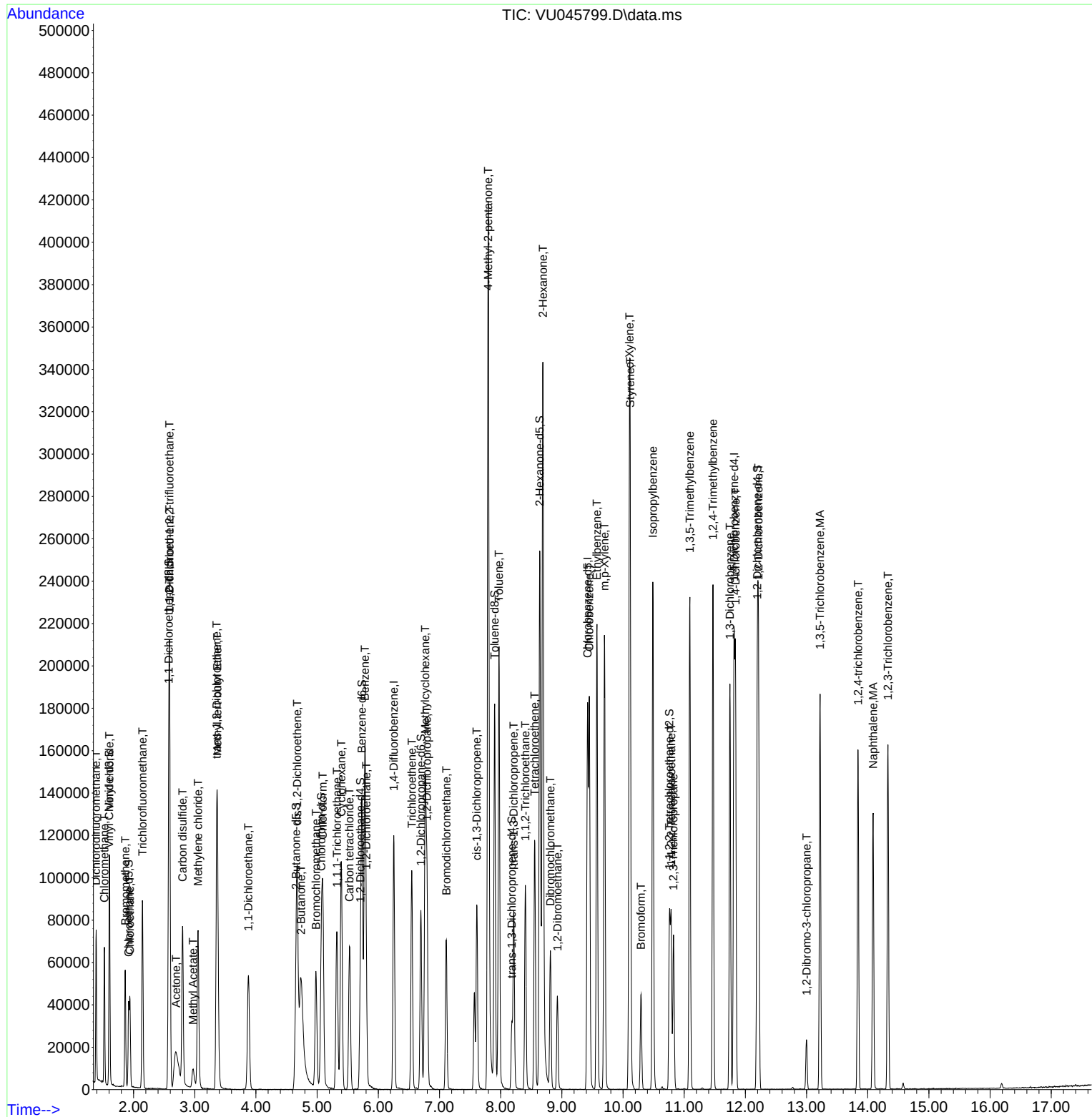
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	44642	5.394	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	54883	5.119	ug/L	99
30) Cyclohexane	5.394	56	52949	4.979	ug/L	100
31) Carbon tetrachloride	5.530	117	46903	5.202	ug/L	99
33) Benzene	5.780	78	140210	5.091	ug/L	100
34) Trichloroethene	6.549	95	35827	5.048	ug/L	98
35) Methylcyclohexane	6.767	83	55611	5.102	ug/L	99
37) 1,2-Dichloropropane	6.796	63	37784	5.214	ug/L	100
38) Bromodichloromethane	7.111	83	46318	5.180	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	53049	5.151	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	296339	62.342	ug/L	100
42) Toluene	7.973	91	152338	5.359	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	49037	5.473	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	30110	5.597	ug/L	98
47) Tetrachloroethene	8.555	164	25895	5.212	ug/L	97
48) 2-Hexanone	8.690	43	227044	66.116	ug/L	98
49) Dibromochloromethane	8.812	129	33735	5.505	ug/L	95
50) 1,2-Dibromoethane	8.928	107	29562	5.832	ug/L	97
51) Chlorobenzene	9.449	112	95652	5.364	ug/L	99
52) Ethylbenzene	9.574	91	157383	5.289	ug/L	100
53) m,p-Xylene	9.697	106	62180	5.456	ug/L	97
54) o-Xylene	10.105	106	59826	5.439	ug/L	95
55) Styrene	10.118	104	106384	5.746	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	41056	5.958	ug/L	95
59) Bromoform	10.295	173	19649	5.747	ug/L	99
60) Isopropylbenzene	10.488	105	157471	5.196	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	31276	5.836	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	128499	5.185	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	130332	5.249	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	74834	5.293	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	75223	5.237	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	72173	5.324	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6645	5.960	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	54365	5.141	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	44990	5.027	ug/L	98
71) Naphthalene	14.089	128	101891	5.542	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	46948	5.272	ug/L	99

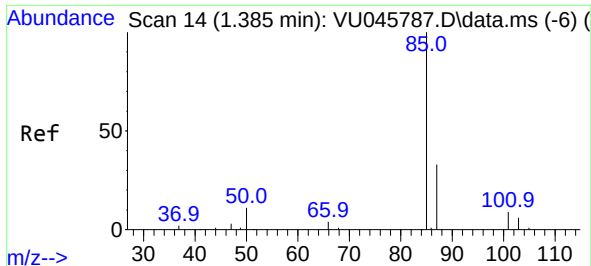
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MSVOA_U
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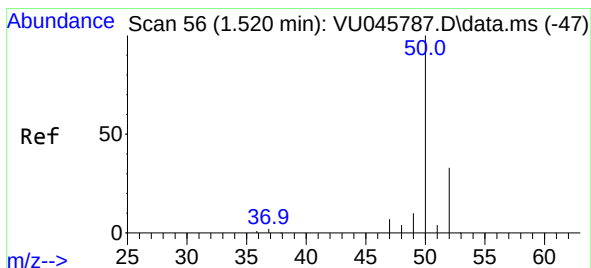
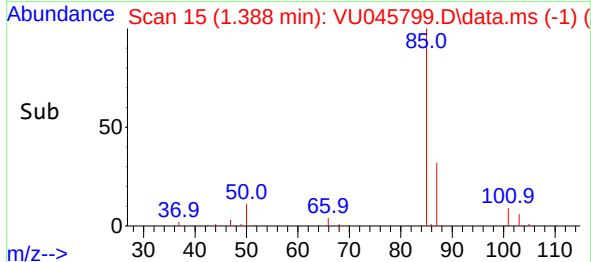
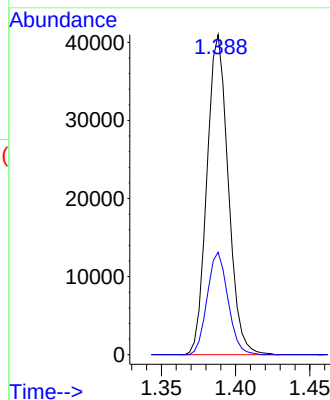
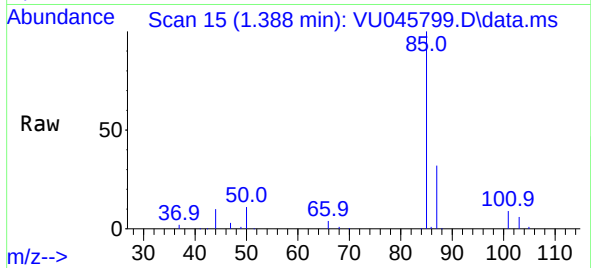




#2
Dichlorodifluoromethane
Concen: 5.210 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

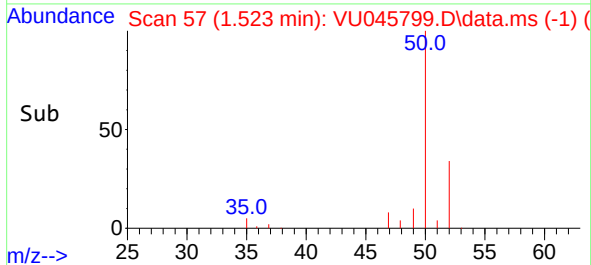
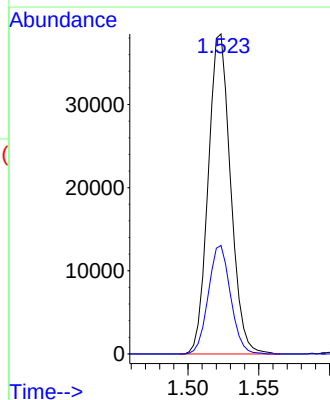
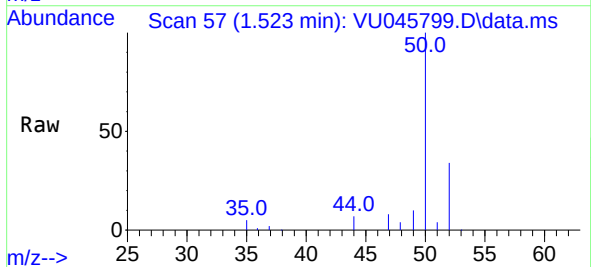
Instrument :
MSVOA_U
ClientSampleId :

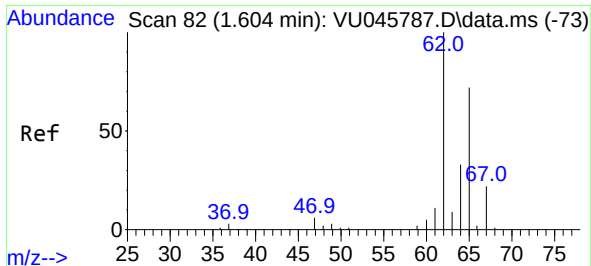
Tgt Ion: 85 Resp: 40800
Ion Ratio Lower Upper
85 100
87 31.1 25.8 38.6



#3
Chloromethane
Concen: 5.099 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 50 Resp: 42311
Ion Ratio Lower Upper
50 100
52 33.9 23.0 42.8

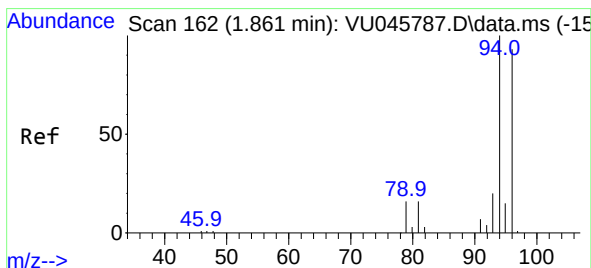
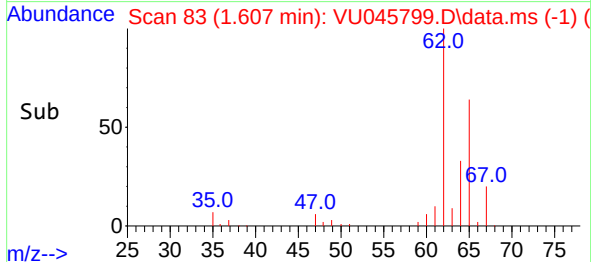
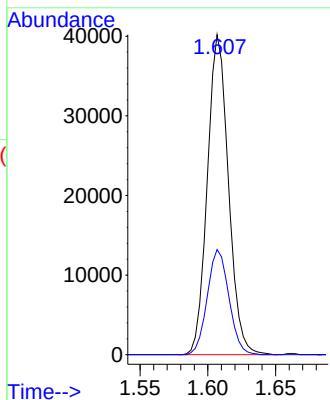
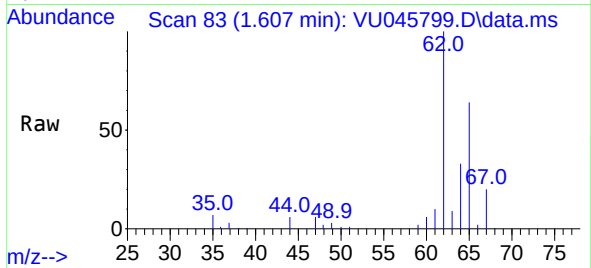




#5
 Vinyl chloride
 Concen: 5.222 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU045799.D
 Acq: 16 Nov 2021 09:42

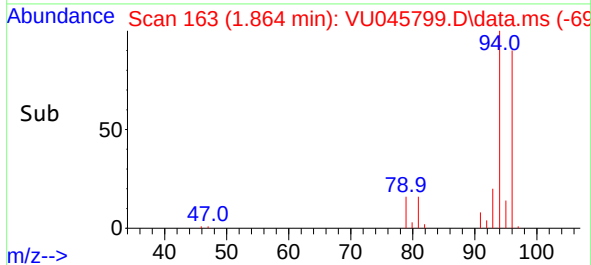
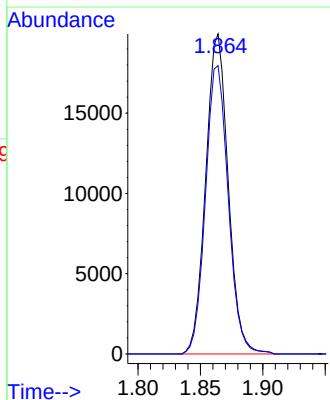
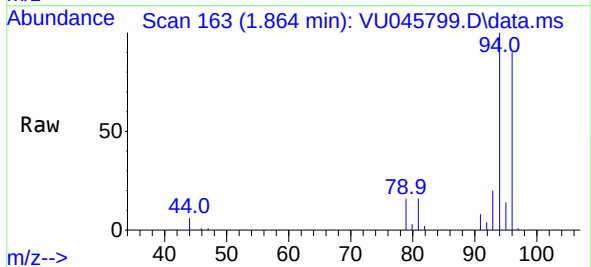
Instrument :
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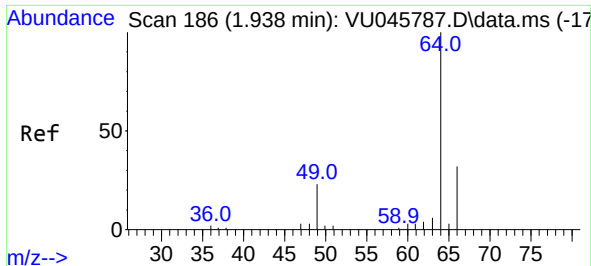
Tgt Ion: 62 Resp: 43491
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 5.074 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU045799.D
 Acq: 16 Nov 2021 09:42

Tgt Ion: 94 Resp: 25066
 Ion Ratio Lower Upper
 94 100
 96 90.1 65.5 121.6

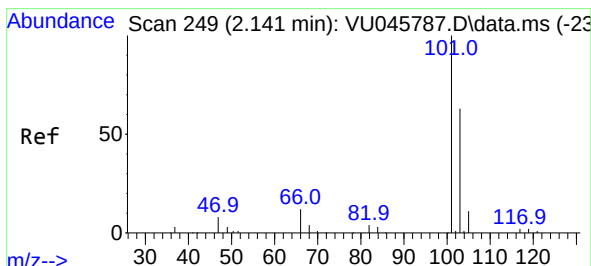
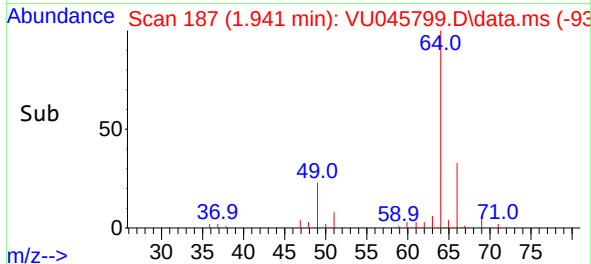
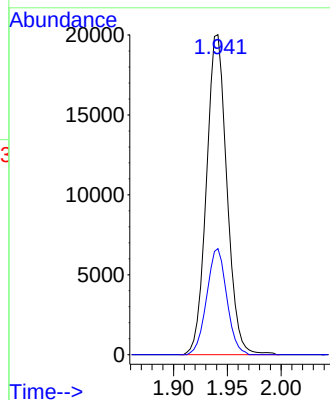
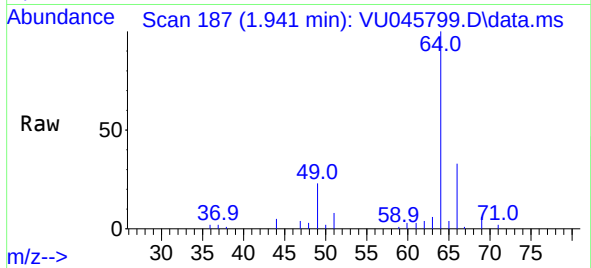




#8
Chloroethane
Concen: 5.572 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

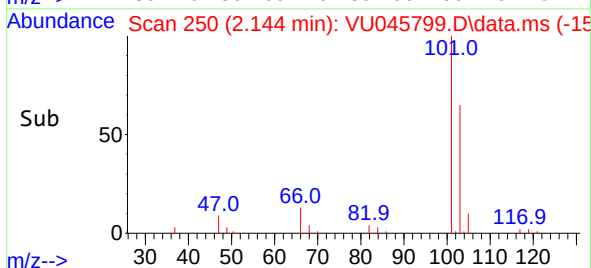
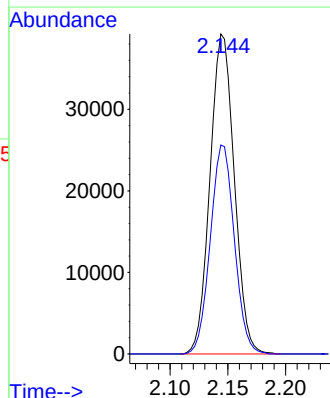
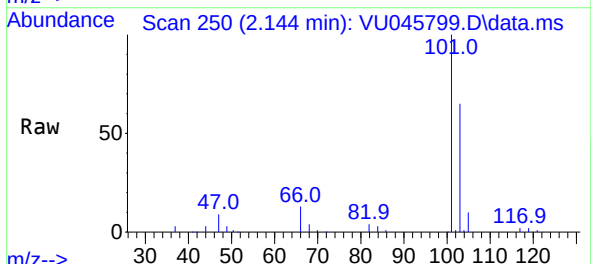
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ClientSampleId :

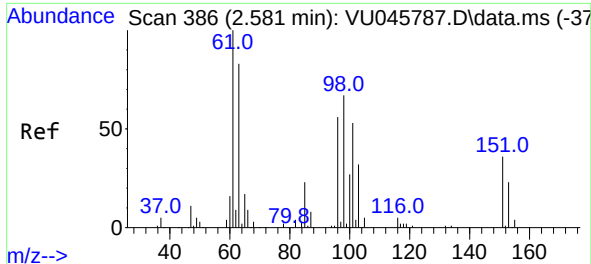
Tgt Ion: 64 Resp: 26460
Ion Ratio Lower Upper
64 100
66 33.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.337 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion:101 Resp: 57382
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

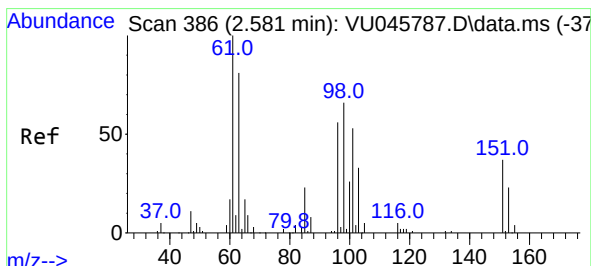
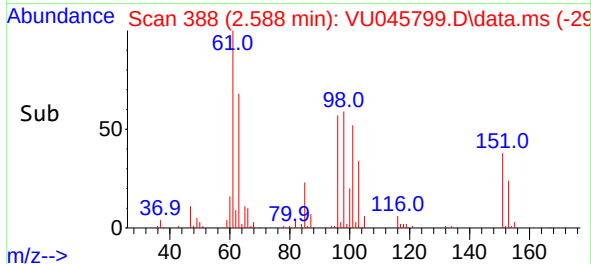
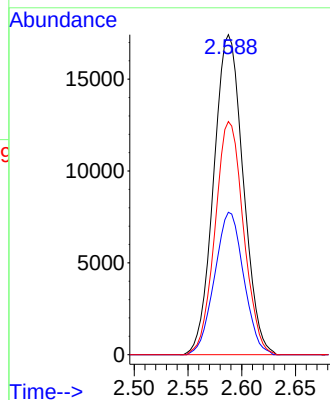
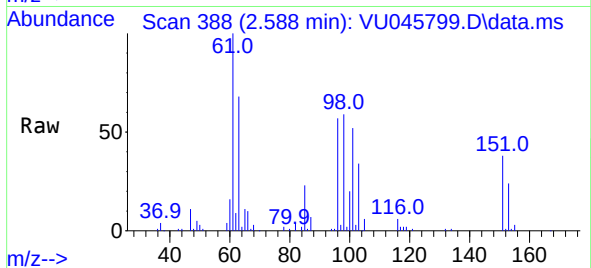




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.274 ug/L
RT: 2.588 min Scan# 386
Delta R.T. 0.006 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

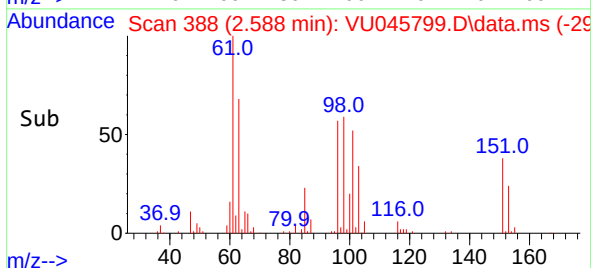
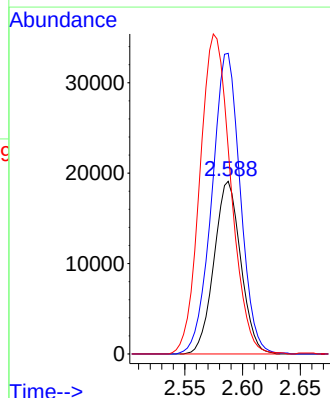
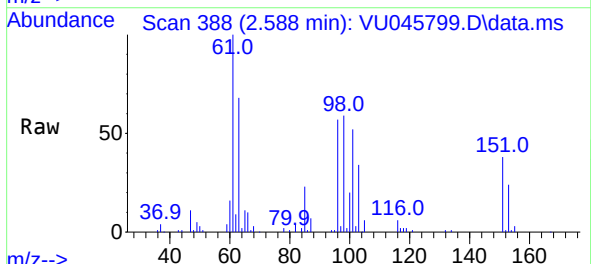
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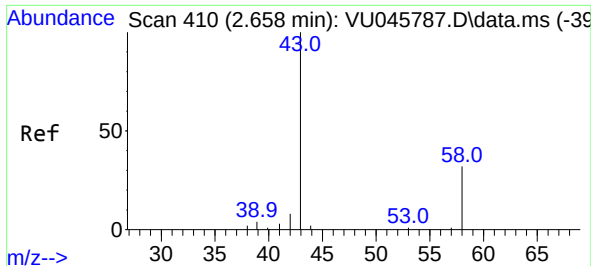
Tgt Ion:101 Resp: 33250
Ion Ratio Lower Upper
101 100
85 43.9 34.6 51.8
151 70.4 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.153 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.006 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 96 Resp: 30677
Ion Ratio Lower Upper
96 100
61 174.1 124.7 231.5
63 119.1 105.2 195.4





#13

Acetone

Concen: 55.488 ug/L

RT: 2.694 min Scan# 41

Delta R.T. 0.035 min

Lab File: VU045799.D

Acq: 16 Nov 2021 09:42

Instrument :

MSVOA_U

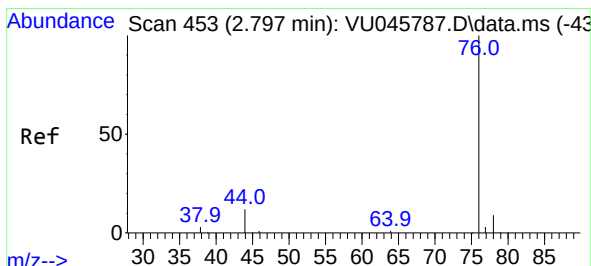
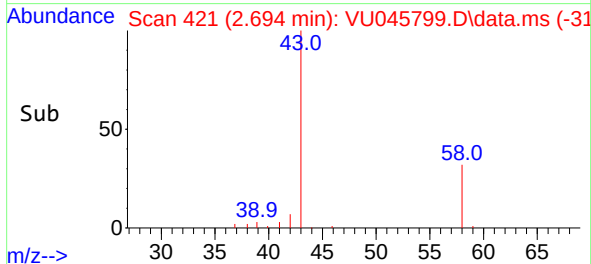
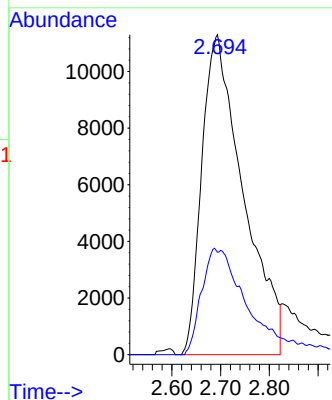
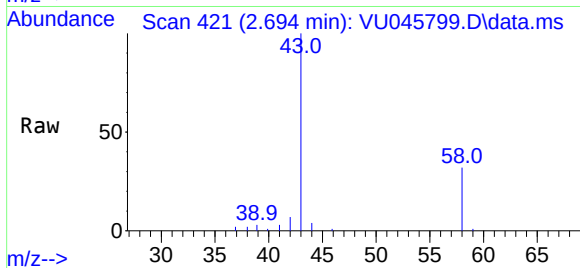
ClientSampleId :

Tgt Ion: 43 Resp: 66690

Ion Ratio Lower Upper

43 100

58 12.9 0.0 71.6



#14

Carbon disulfide

Concen: 5.098 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU045799.D

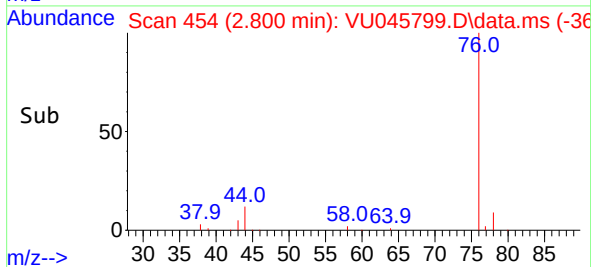
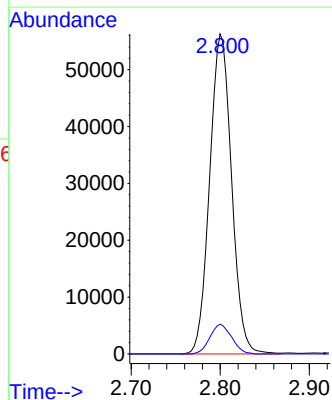
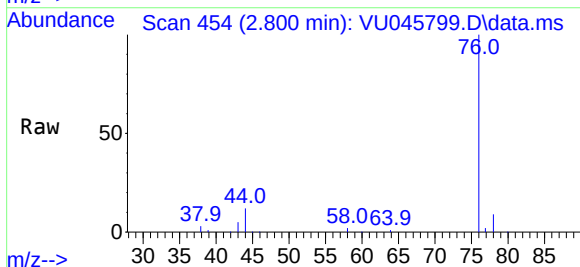
Acq: 16 Nov 2021 09:42

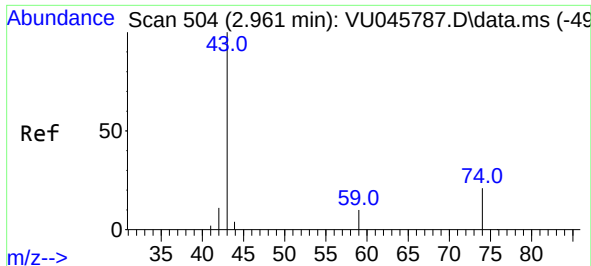
Tgt Ion: 76 Resp: 95982

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

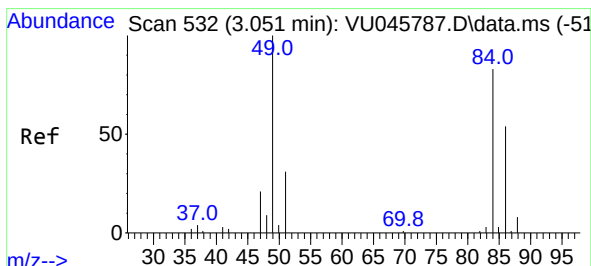
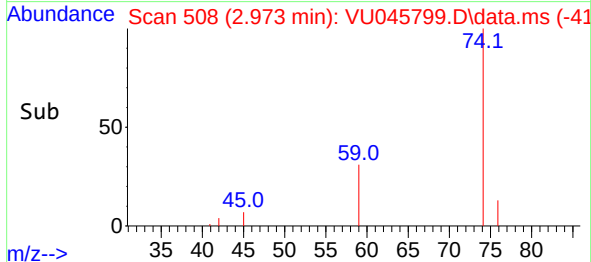
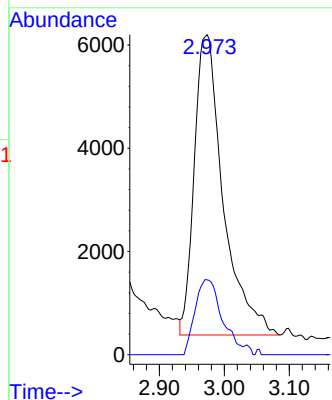
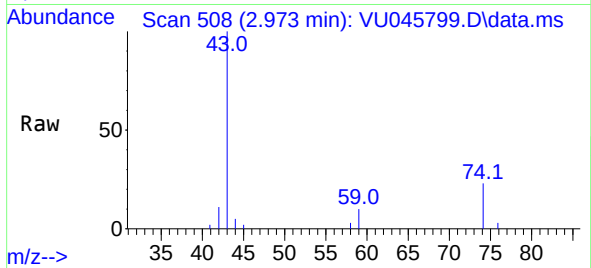




#15
Methyl Acetate
Concen: 6.113 ug/L
RT: 2.973 min Scan# 504
Delta R.T. 0.013 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

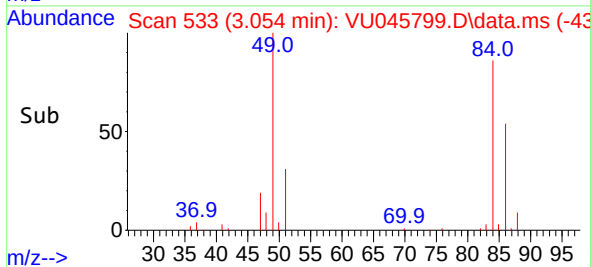
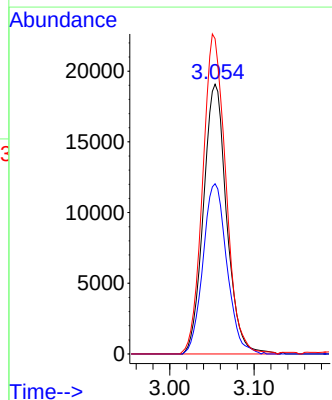
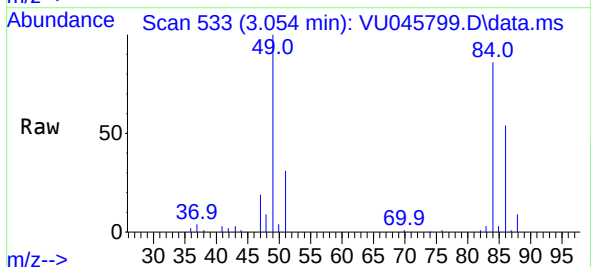
Instrument :
MSVOA_U
ClientSampleId :

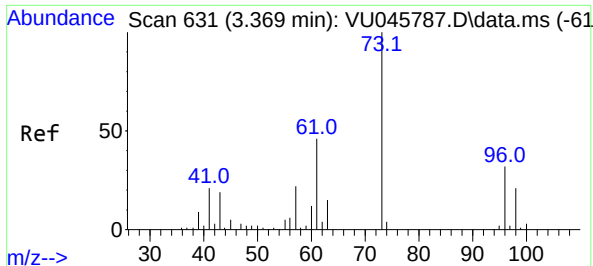
Tgt Ion: 43 Resp: 18027
Ion Ratio Lower Upper
43 100
74 23.2 19.1 28.7



#16
Methylene chloride
Concen: 4.154 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 84 Resp: 36514
Ion Ratio Lower Upper
84 100
86 63.1 45.8 85.0
49 116.8 84.5 156.9



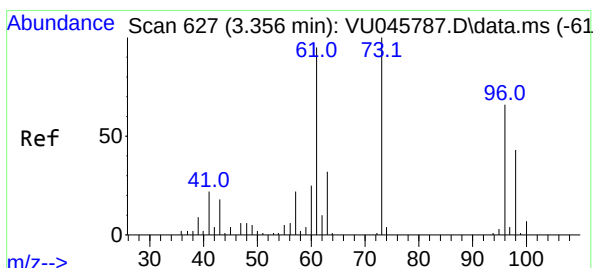
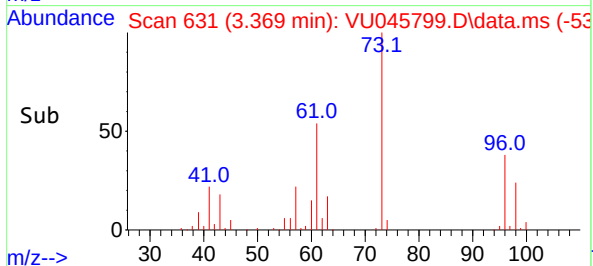
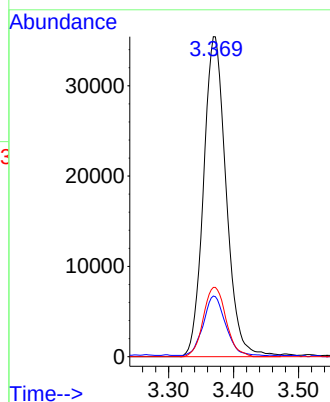
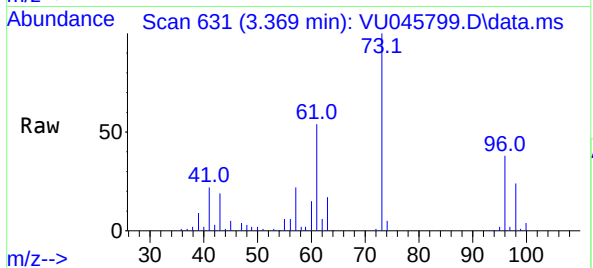


#17
Methyl tert-butyl Ether
Concen: 5.534 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 85776

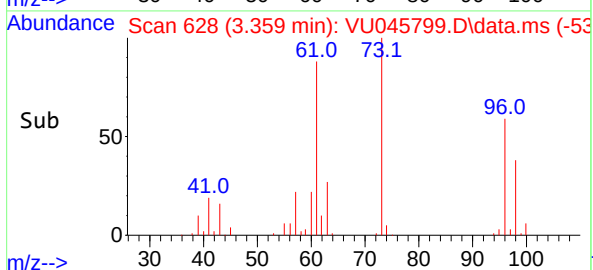
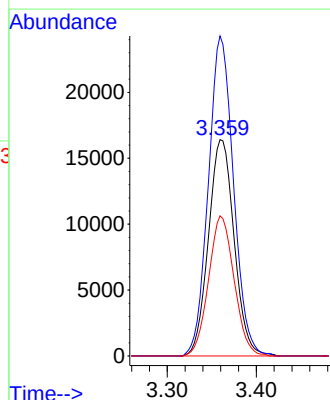
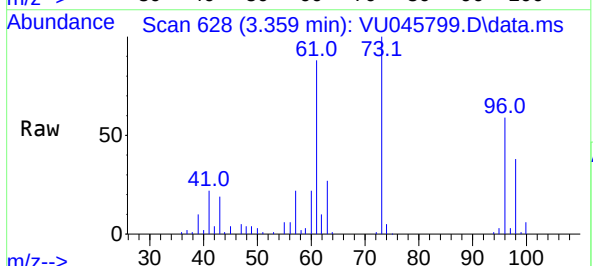
Ion	Ratio	Lower	Upper
73	100		
43	18.2	14.8	22.2
57	21.8	17.4	26.0

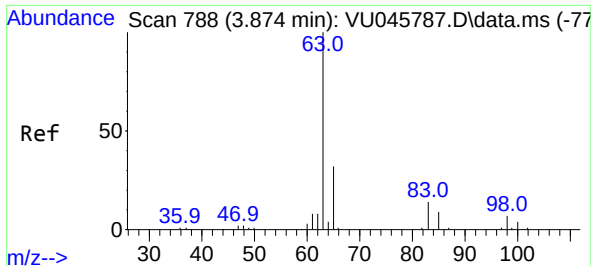


#18
trans-1,2-Dichloroethene
Concen: 5.150 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 96 Resp: 32864

Ion	Ratio	Lower	Upper
96	100		
61	148.0	100.8	187.2
98	64.8	45.1	83.7





#19

1,1-Dichloroethane

Concen: 5.262 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU045799.D

Acq: 16 Nov 2021 09:42

Instrument :

MSVOA_U

ClientSampleId :

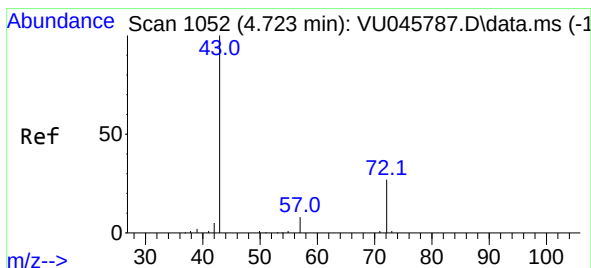
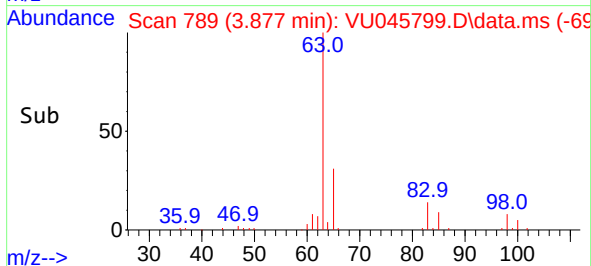
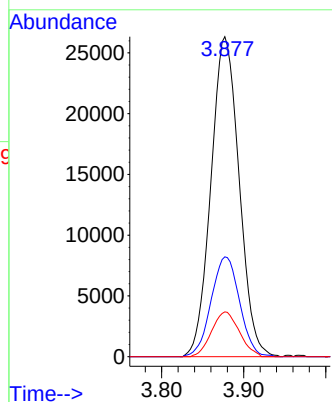
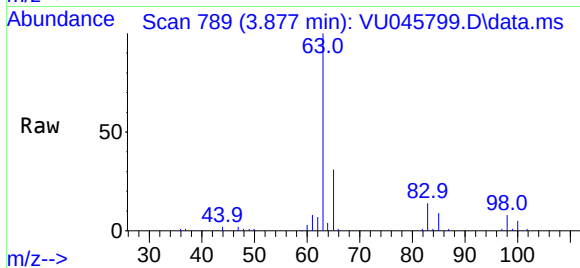
Tgt Ion: 63 Resp: 62912

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.5

83 14.0 9.6 17.8



#21

2-Butanone

Concen: 60.836 ug/L

RT: 4.739 min Scan# 1057

Delta R.T. 0.016 min

Lab File: VU045799.D

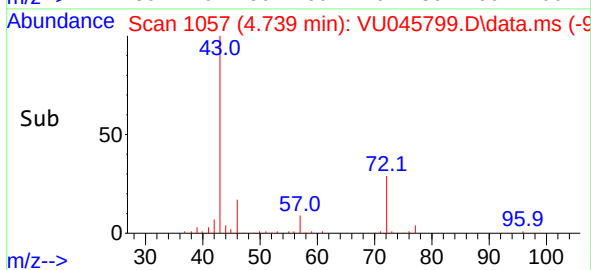
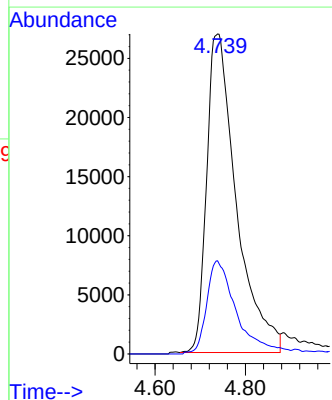
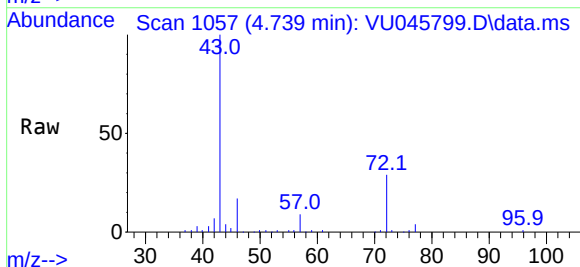
Acq: 16 Nov 2021 09:42

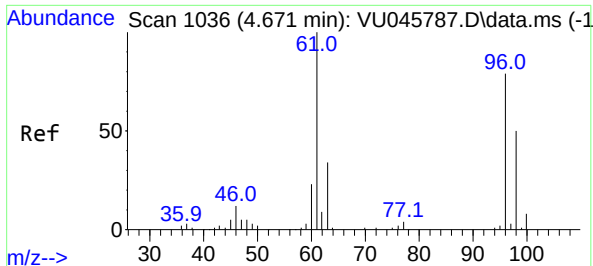
Tgt Ion: 43 Resp: 123024

Ion Ratio Lower Upper

43 100

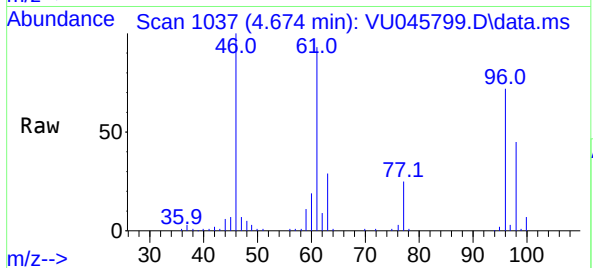
72 29.4 14.1 42.3





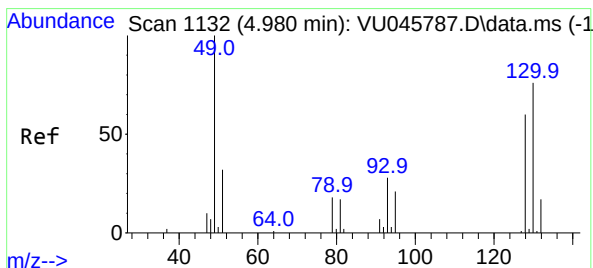
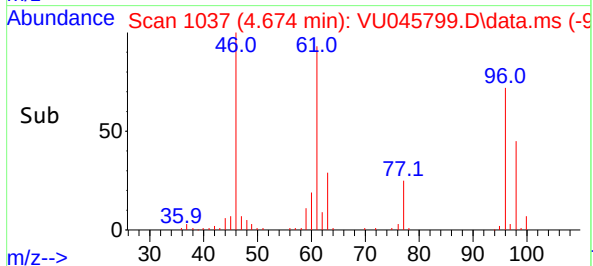
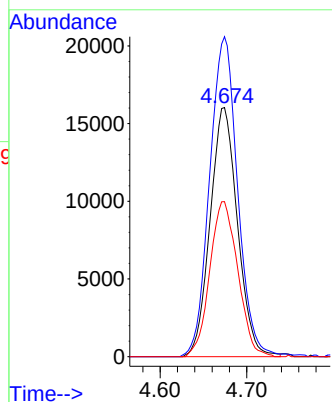
#22
cis-1,2-Dichloroethene
Concen: 5.092 ug/L
RT: 4.674 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 35236

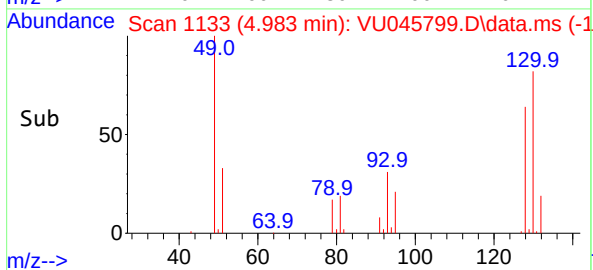
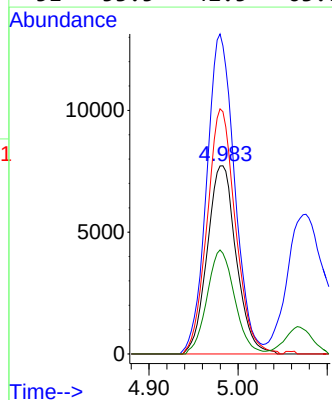
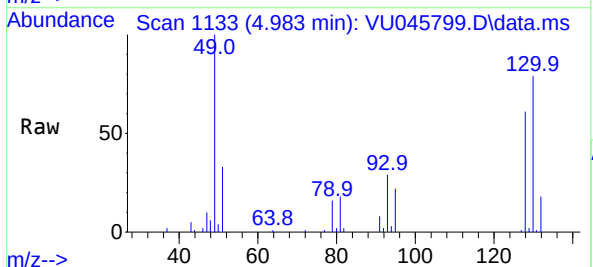
Ion	Ratio	Lower	Upper
96	100		
61	128.4	88.5	164.3
98	62.2	44.4	82.5

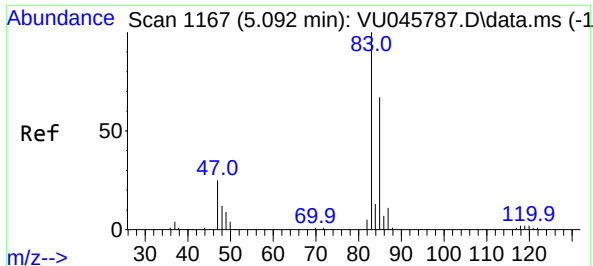


#23
Bromochloromethane
Concen: 5.780 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 128 Resp: 17432

Ion	Ratio	Lower	Upper
128	100		
49	163.9	117.0	217.2
130	128.7	88.2	163.8
51	53.5	42.5	63.7





#25

Chloroform

Concen: 5.428 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045799.D

Acq: 16 Nov 2021 09:42

Instrument :

MSVOA_U

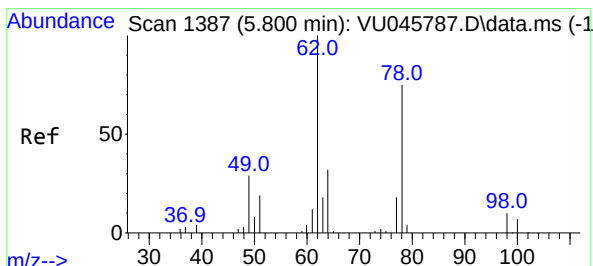
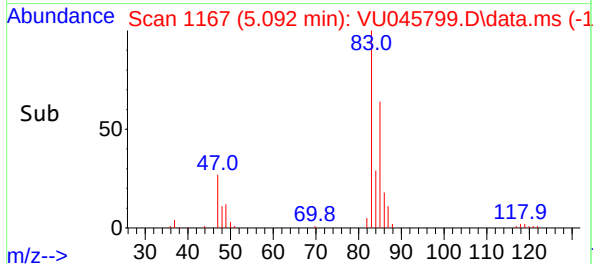
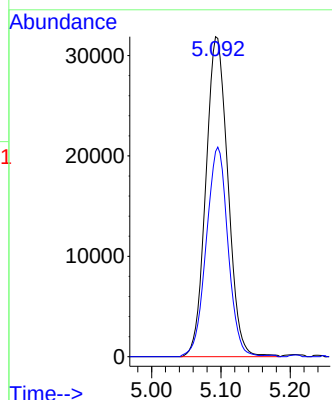
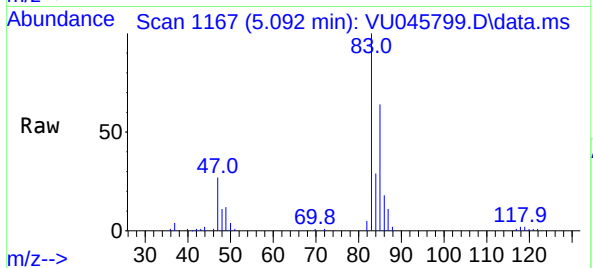
ClientSampleId :

Tgt Ion: 83 Resp: 70402

Ion Ratio Lower Upper

83 100

85 64.1 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.394 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU045799.D

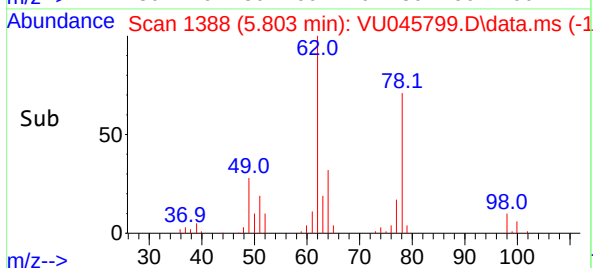
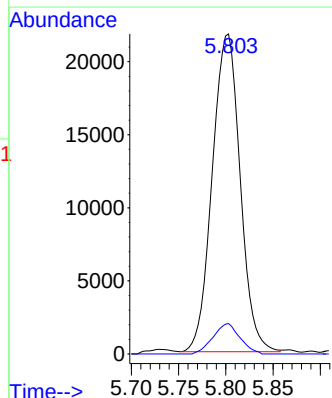
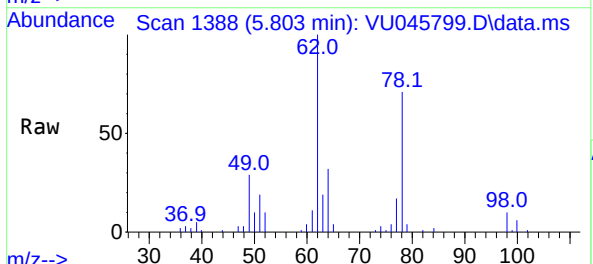
Acq: 16 Nov 2021 09:42

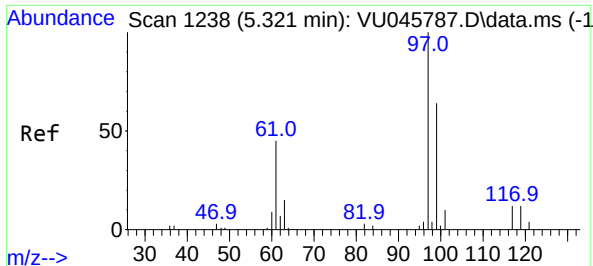
Tgt Ion: 62 Resp: 44642

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8



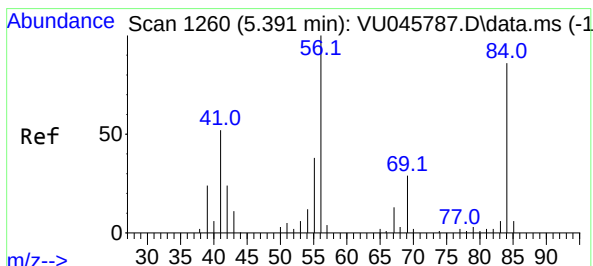
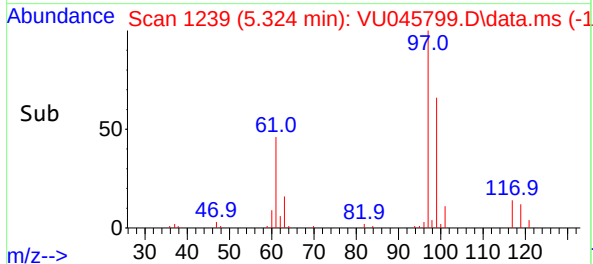
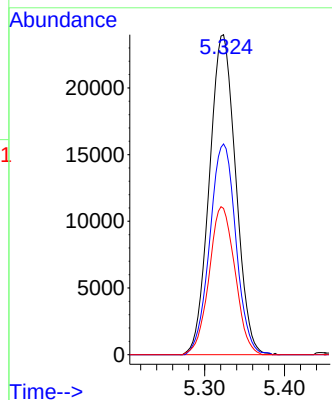
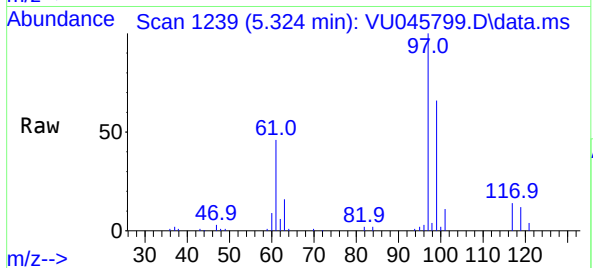


#29
1,1,1-Trichloroethane
Concen: 5.119 ug/L
RT: 5.324 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 54883

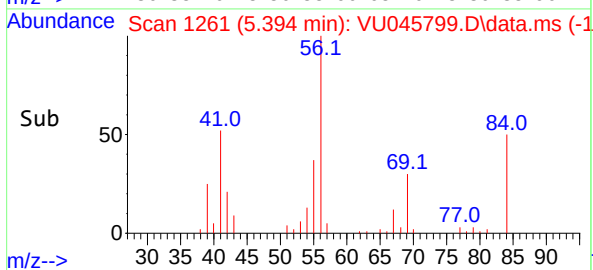
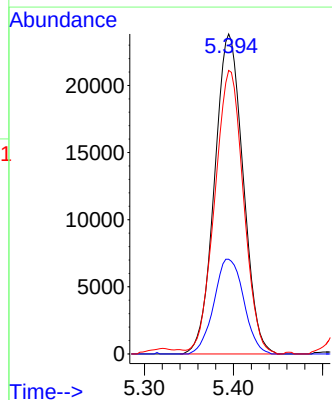
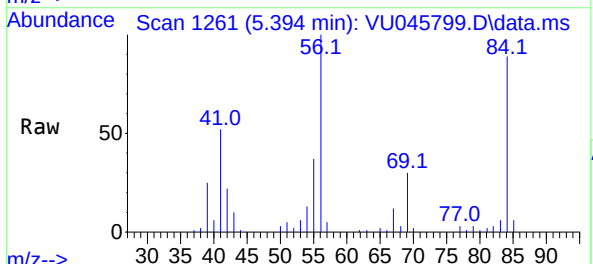
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.3	76.9
61	45.4	36.1	54.1

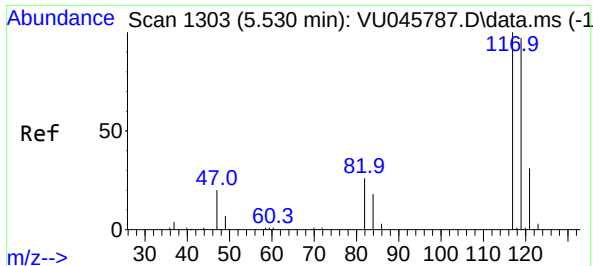


#30
Cyclohexane
Concen: 4.979 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 56 Resp: 52949

Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.7	37.1
84	89.6	71.8	107.6

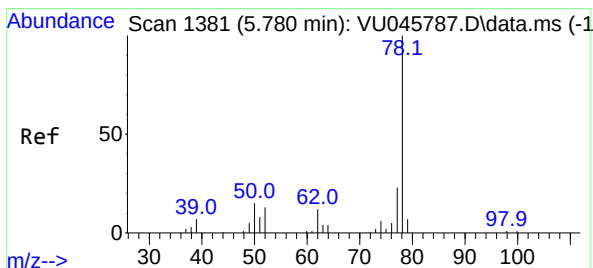
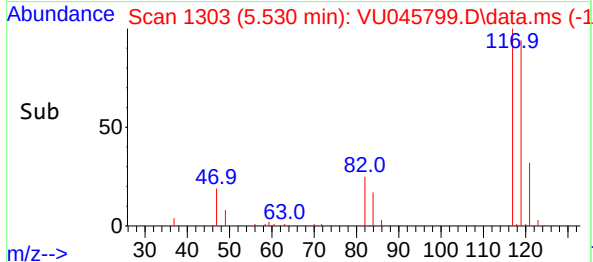
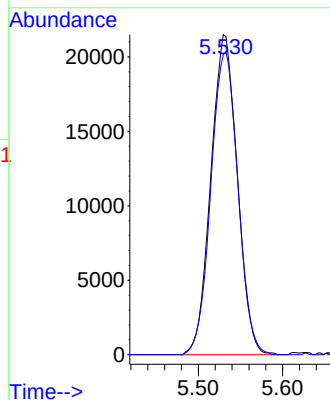
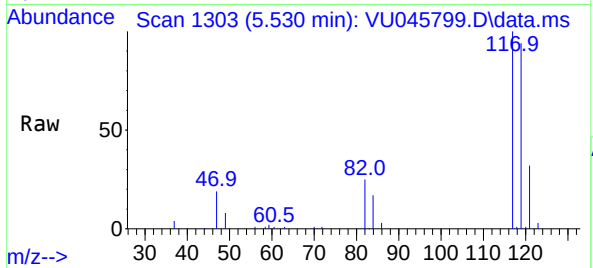




#31
Carbon tetrachloride
Concen: 5.202 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

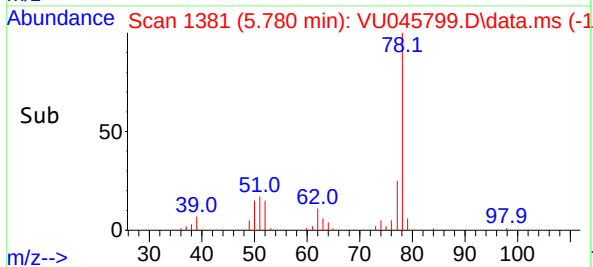
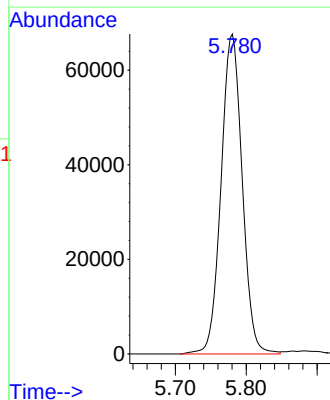
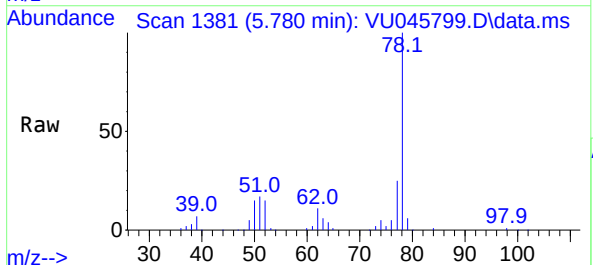
Instrument :
MSVOA_U
ClientSampleId :

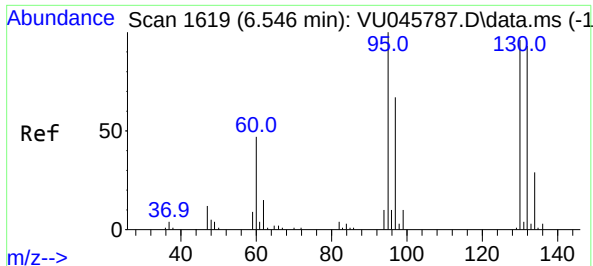
Tgt Ion:117 Resp: 46903
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 5.091 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 78 Resp: 140210

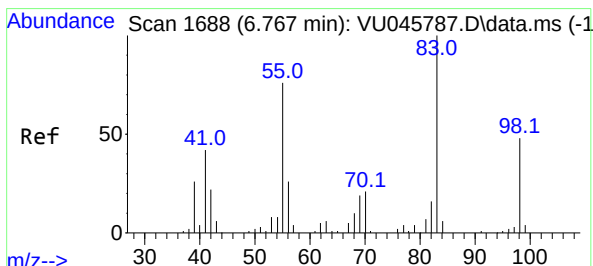
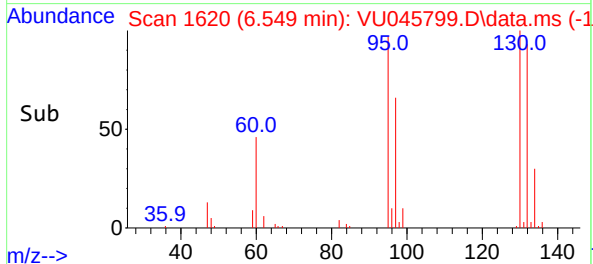
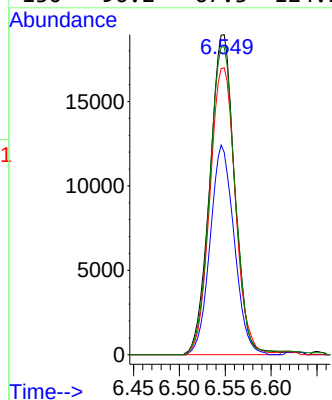
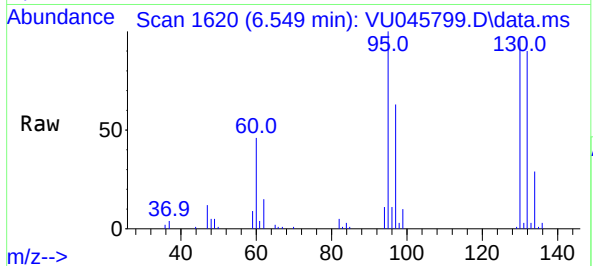




#34
Trichloroethene
Concen: 5.048 ug/L
RT: 6.549 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

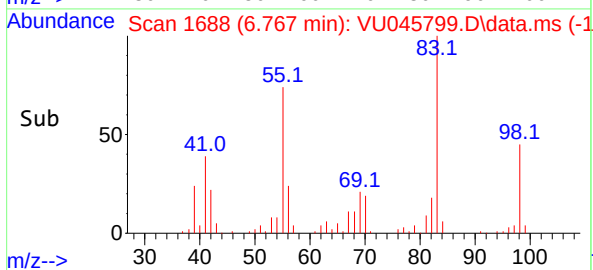
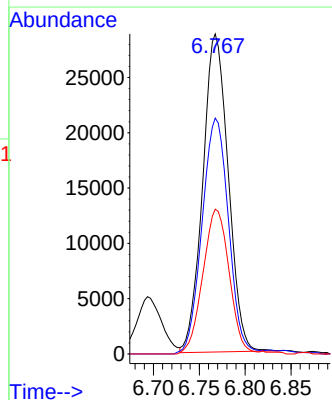
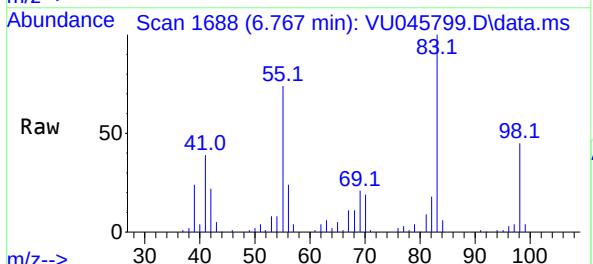
Instrument :
MSVOA_U
ClientSampleId :

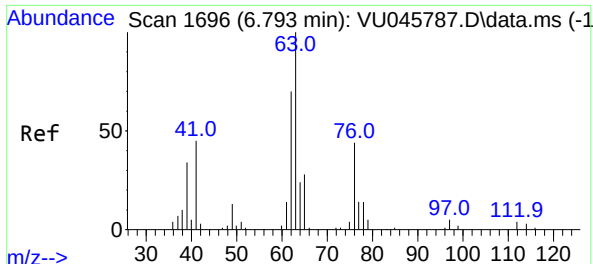
Tgt Ion: 95 Resp: 35827
Ion Ratio Lower Upper
95 100
97 63.3 46.5 86.5
132 89.7 65.1 120.9
130 96.2 67.3 124.9



#35
Methylcyclohexane
Concen: 5.102 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 83 Resp: 55611
Ion Ratio Lower Upper
83 100
55 76.9 61.9 92.9
98 47.0 39.0 58.6

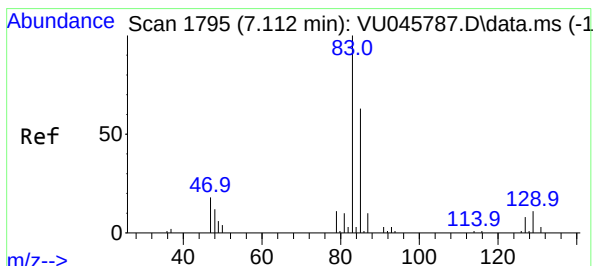
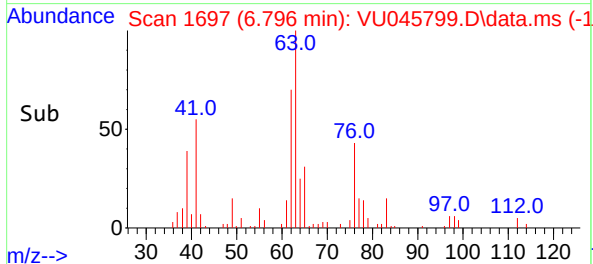
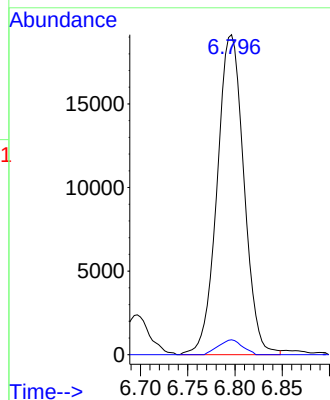
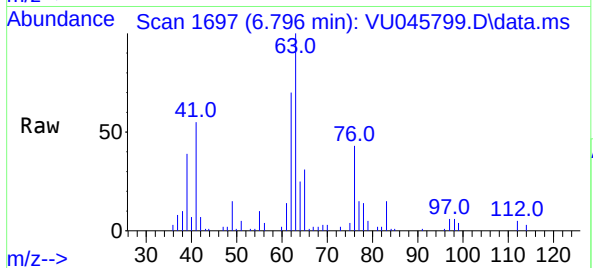




#37
1,2-Dichloropropane
Concen: 5.214 ug/L
RT: 6.796 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

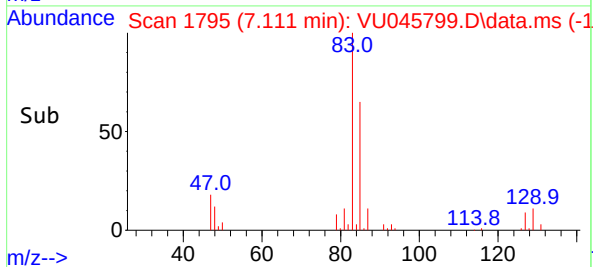
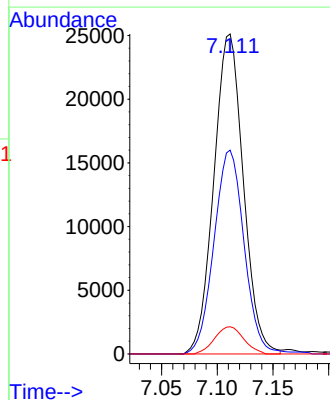
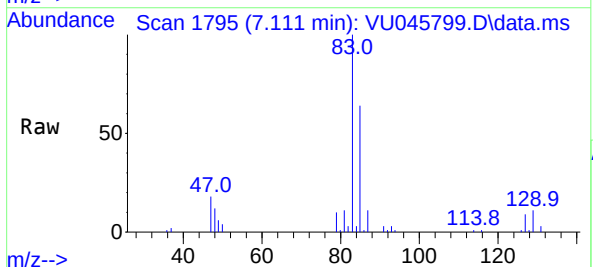
Instrument :
MSVOA_U
ClientSampleId :

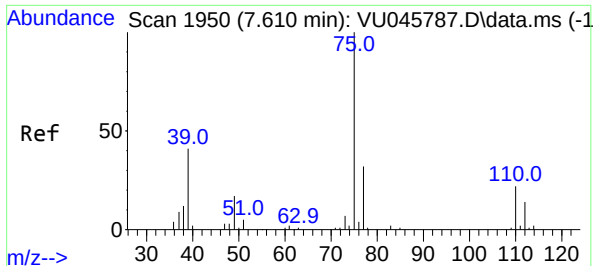
Tgt Ion: 63 Resp: 37784
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8



#38
Bromodichloromethane
Concen: 5.180 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 83 Resp: 46318
Ion Ratio Lower Upper
83 100
85 63.7 44.0 81.8
127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.151 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045799.D

Acq: 16 Nov 2021 09:42

Instrument :

MSVOA_U

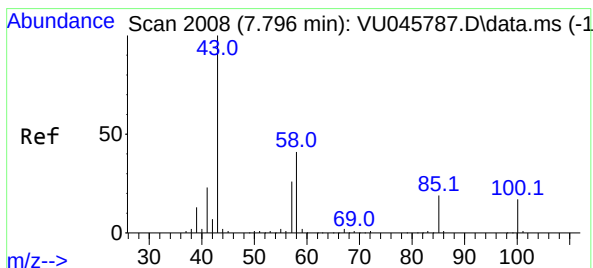
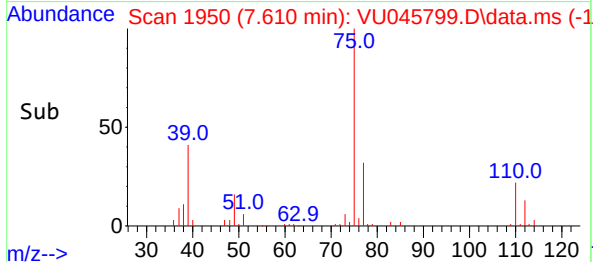
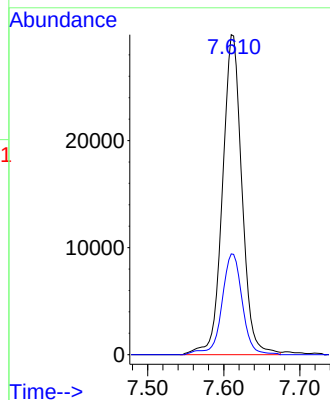
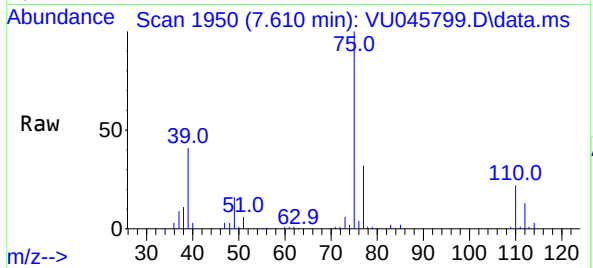
ClientSampleId :

Tgt Ion: 75 Resp: 53049

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 62.342 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU045799.D

Acq: 16 Nov 2021 09:42

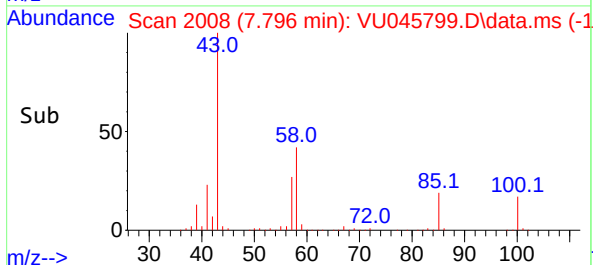
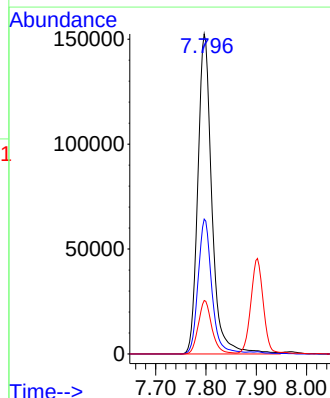
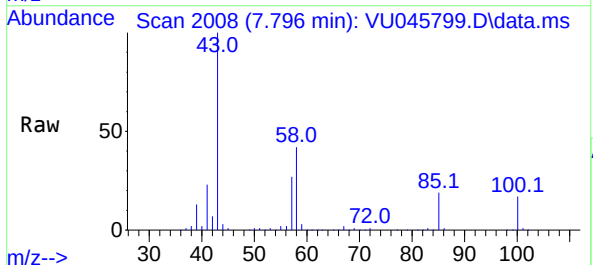
Tgt Ion: 43 Resp: 296339

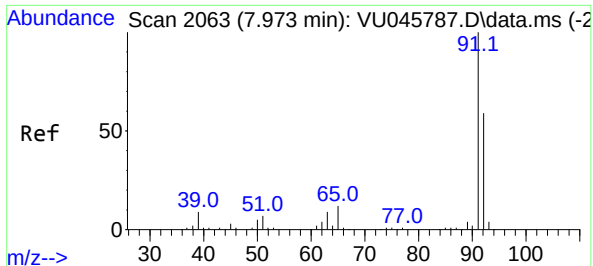
Ion Ratio Lower Upper

43 100

58 41.2 33.1 49.7

100 16.2 13.2 19.8

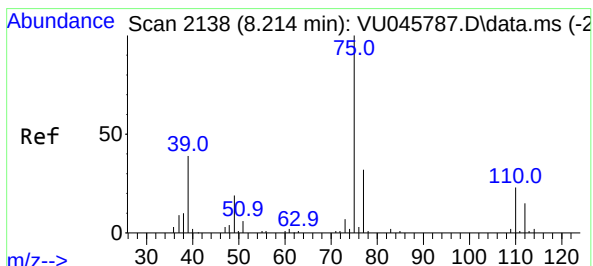
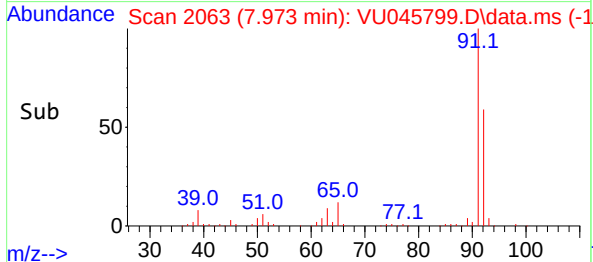
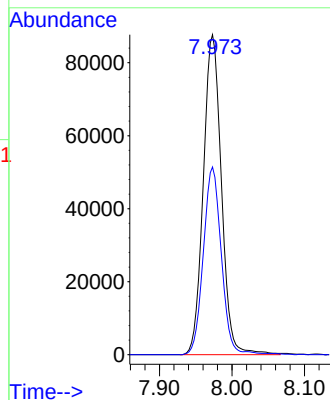
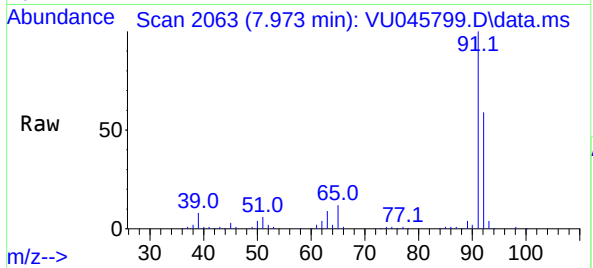




#42
Toluene
Concen: 5.359 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

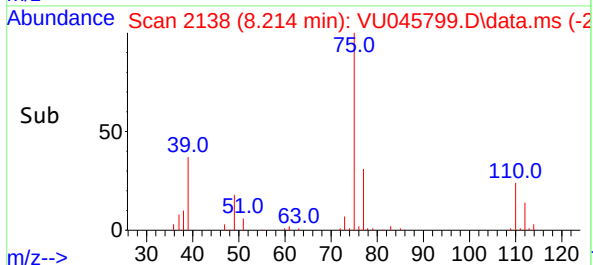
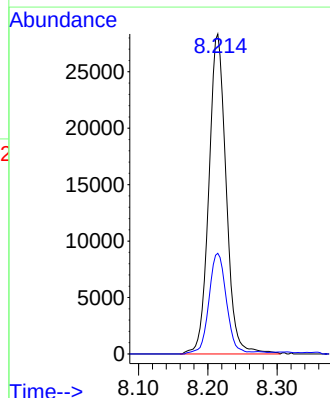
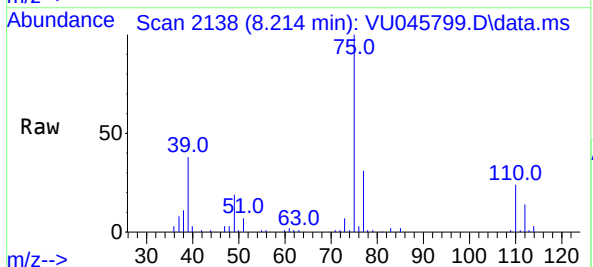
Instrument :
MSVOA_U
ClientSampleId :

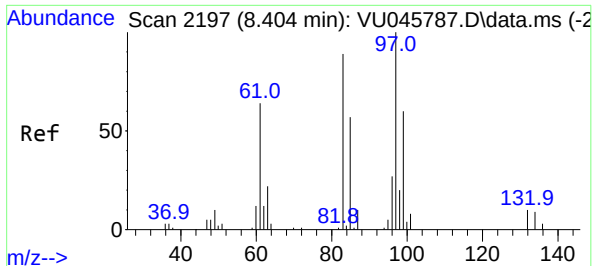
Tgt Ion: 91 Resp: 152338
Ion Ratio Lower Upper
91 100
92 58.7 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 5.473 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 75 Resp: 49037
Ion Ratio Lower Upper
75 100
77 31.5 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 5.597 ug/L

RT: 8.404 min Scan# 2197

Delta R.T. -0.000 min

Lab File: VU045799.D

Acq: 16 Nov 2021 09:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 30110

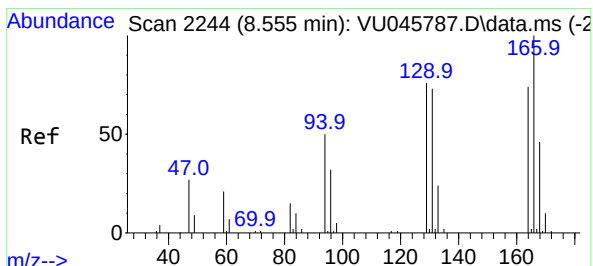
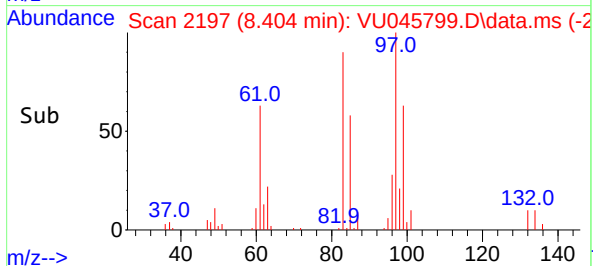
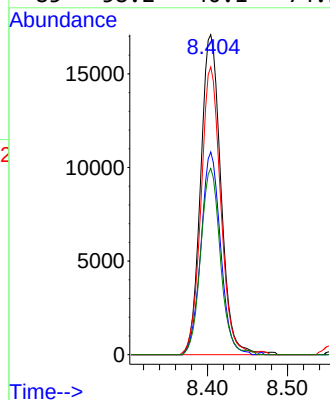
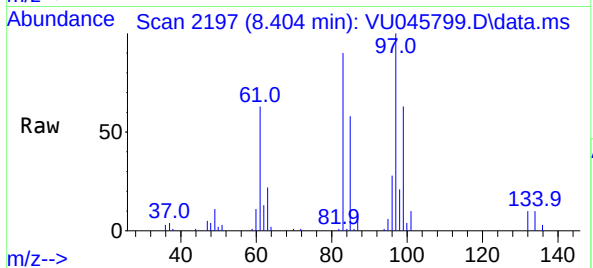
Ion Ratio Lower Upper

97 100

99 63.3 42.3 78.5

83 89.9 62.0 115.2

85 58.2 40.1 74.5



#47

Tetrachloroethene

Concen: 5.212 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU045799.D

Acq: 16 Nov 2021 09:42

Tgt Ion:164 Resp: 25895

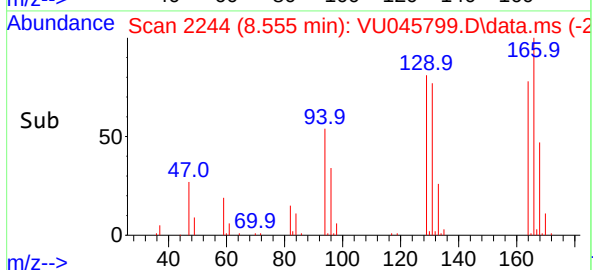
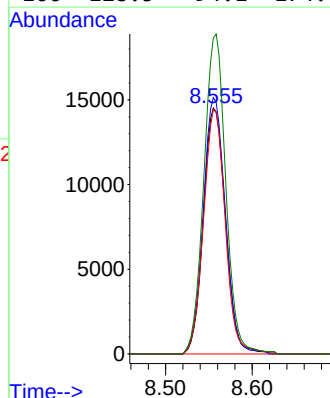
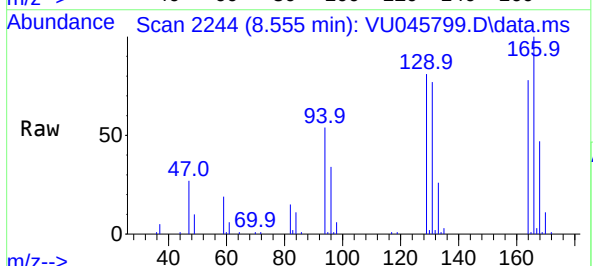
Ion Ratio Lower Upper

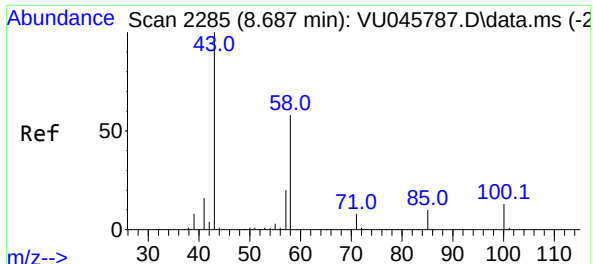
164 100

129 104.2 71.8 133.4

131 99.3 68.5 127.3

166 128.5 94.1 174.8

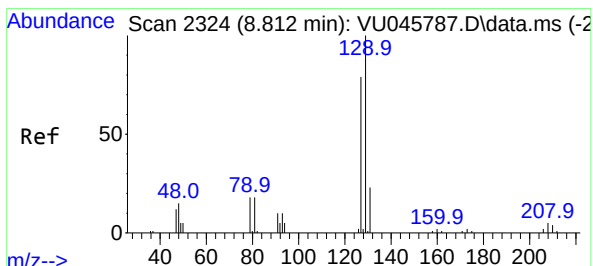
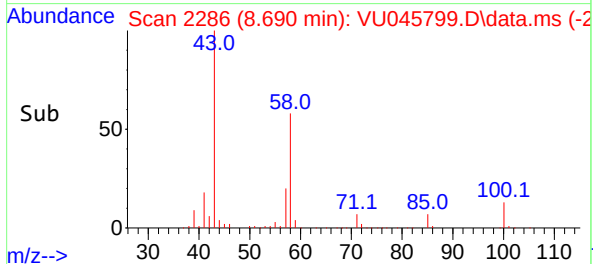
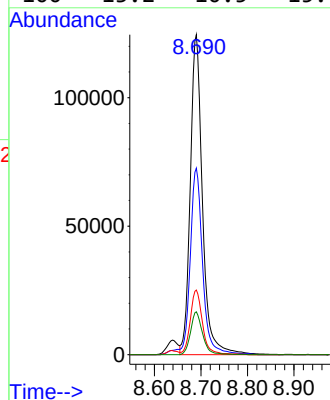
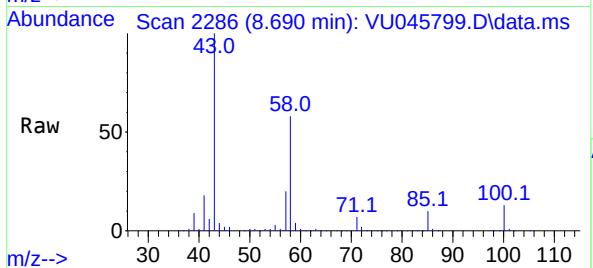




#48
2-Hexanone
Concen: 66.116 ug/L
RT: 8.690 min Scan# 2285
Delta R.T. 0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

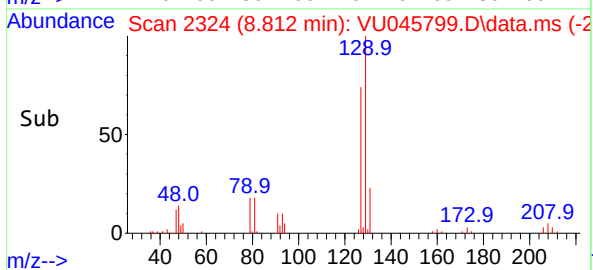
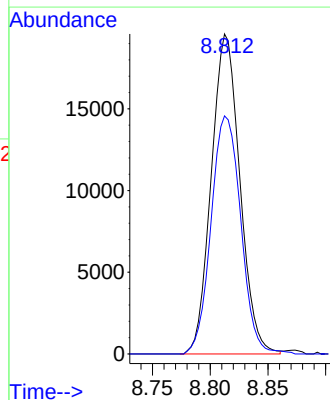
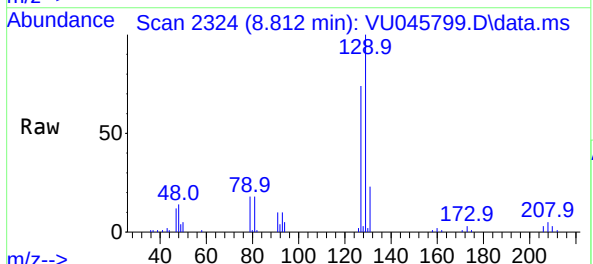
Instrument :
MSVOA_U
ClientSampleId :

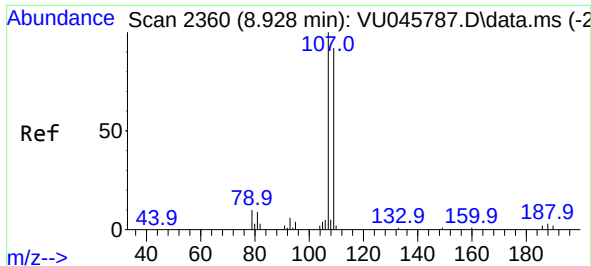
Tgt Ion: 43 Resp: 227044
Ion Ratio Lower Upper
43 100
58 59.9 46.7 70.1
57 19.7 16.3 24.5
100 13.2 10.5 15.7



#49
Dibromochloromethane
Concen: 5.505 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 129 Resp: 33735
Ion Ratio Lower Upper
129 100
127 74.4 55.4 102.8

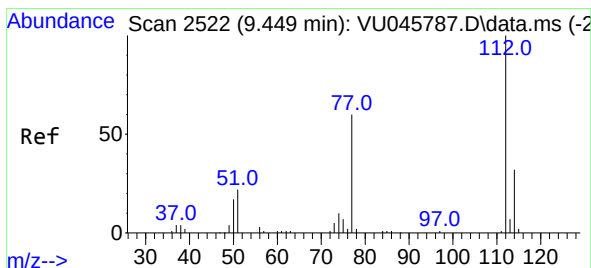
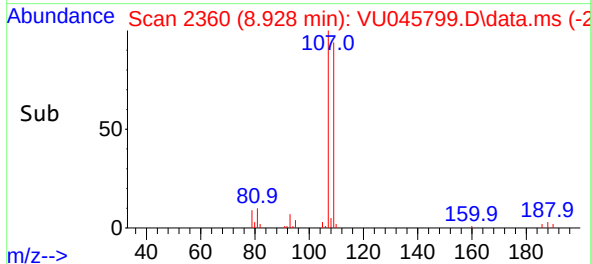
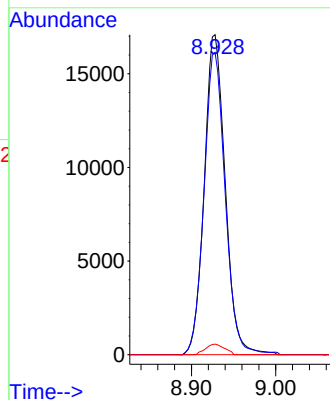
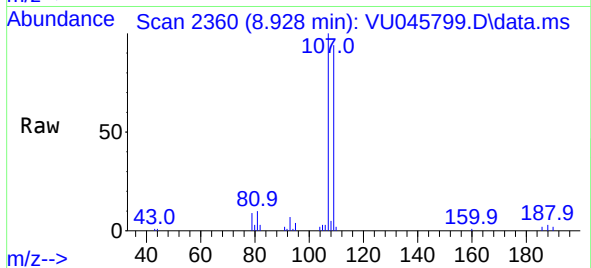




#50
1,2-Dibromoethane
Concen: 5.832 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

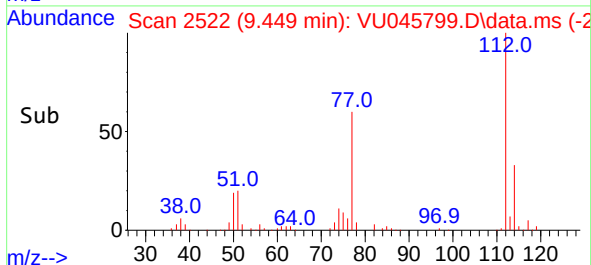
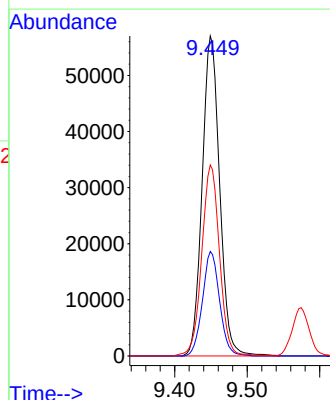
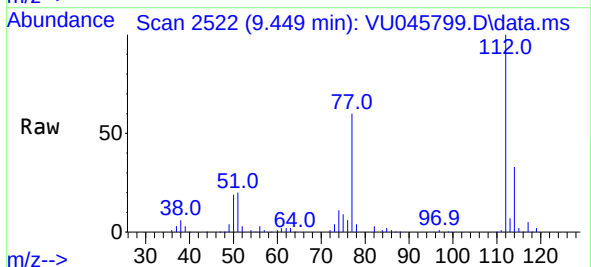
Instrument :
MSVOA_U
ClientSampleId :

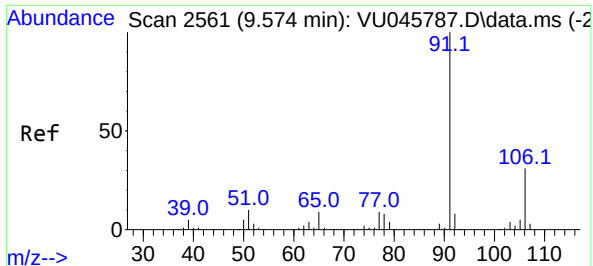
Tgt Ion:	107	Resp:	29562
Ion	Ratio	Lower	Upper
107	100		
109	94.5	64.0	119.0
188	3.3	2.4	3.6



#51
Chlorobenzene
Concen: 5.364 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion:	112	Resp:	95652
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.1	41.1
77	59.7	48.3	72.5





#52

Ethylbenzene

Concen: 5.289 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU045799.D

Acq: 16 Nov 2021 09:42

Instrument :

MSVOA_U

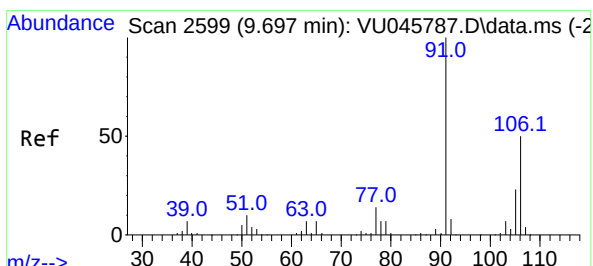
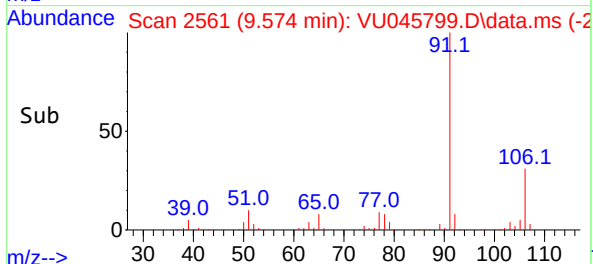
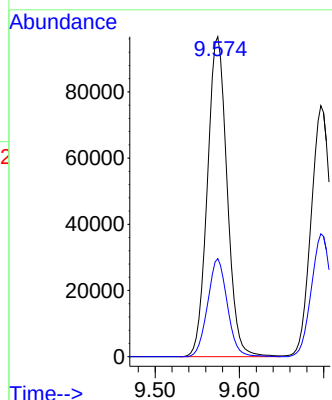
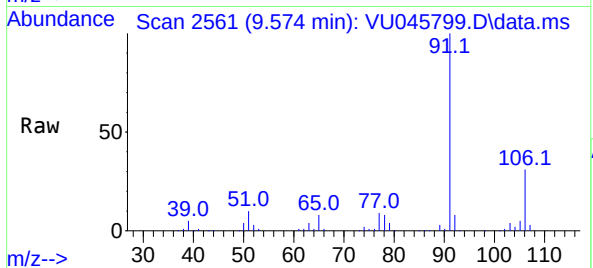
ClientSampleId :

Tgt Ion: 91 Resp: 157383

Ion Ratio Lower Upper

91 100

106 30.7 21.5 39.9



#53

m,p-Xylene

Concen: 5.456 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045799.D

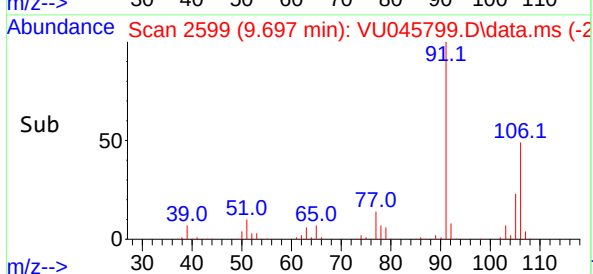
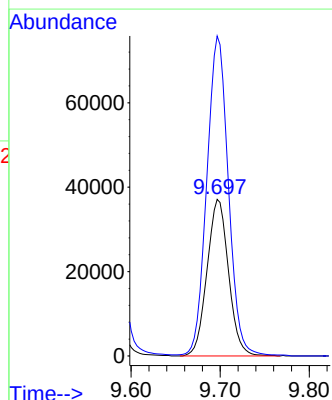
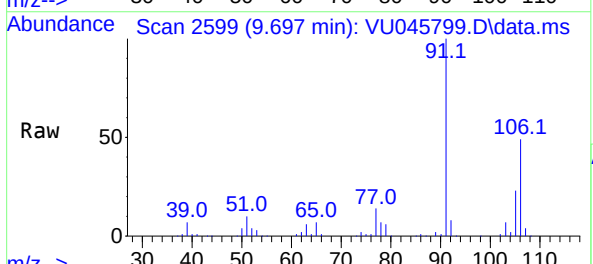
Acq: 16 Nov 2021 09:42

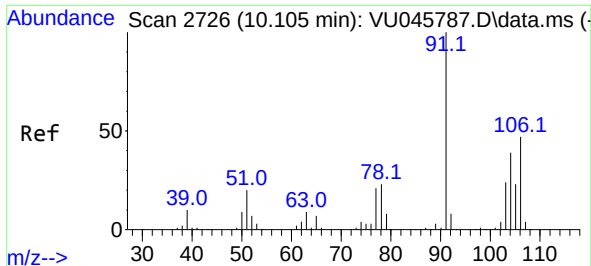
Tgt Ion:106 Resp: 62180

Ion Ratio Lower Upper

106 100

91 204.2 139.4 259.0

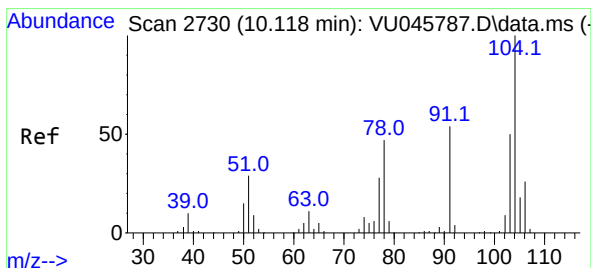
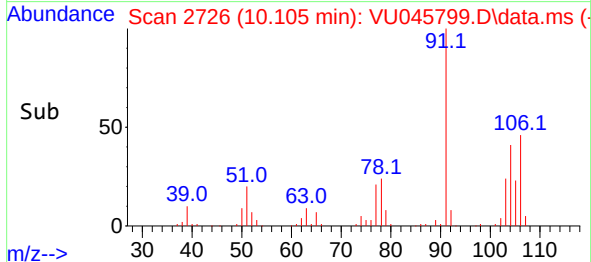
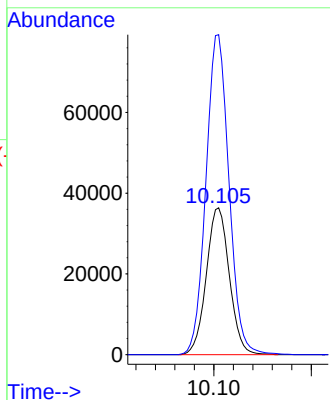
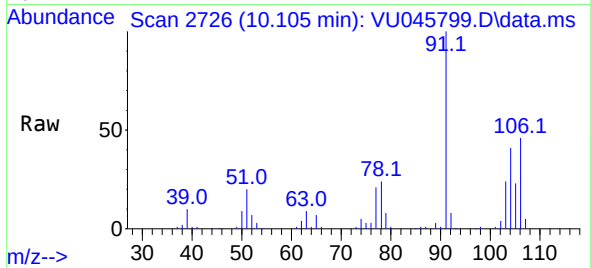




#54
o-Xylene
Concen: 5.439 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

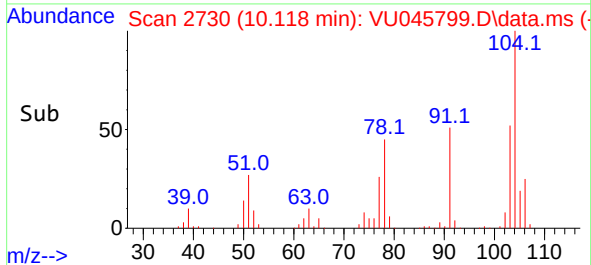
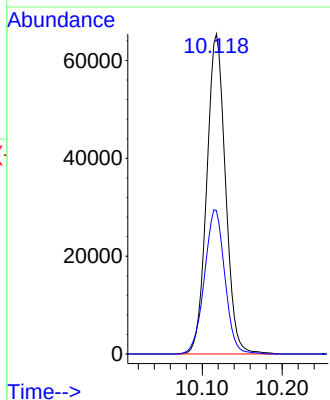
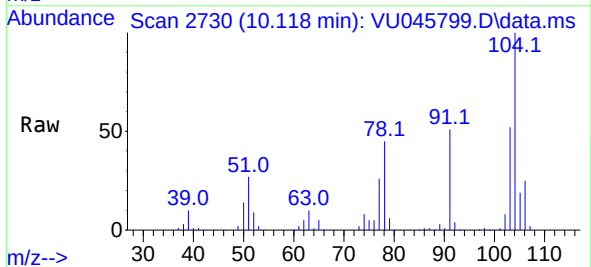
Instrument :
MSVOA_U
ClientSampleId :

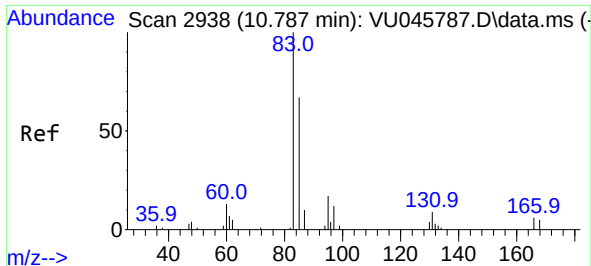
Tgt Ion:106 Resp: 59826
Ion Ratio Lower Upper
106 100
91 217.9 147.5 273.9



#55
Styrene
Concen: 5.746 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion:104 Resp: 106384
Ion Ratio Lower Upper
104 100
78 44.8 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.958 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. -0.000 min

Lab File: VU045799.D

Acq: 16 Nov 2021 09:42

Instrument :

MSVOA_U

ClientSampleId :

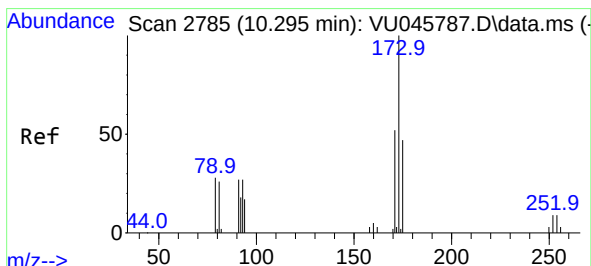
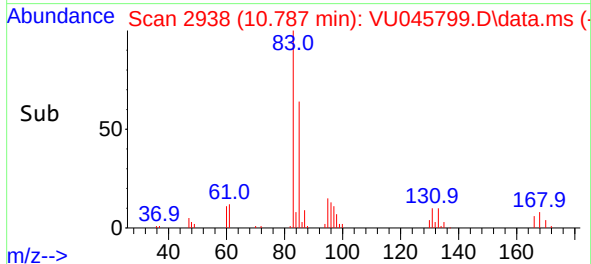
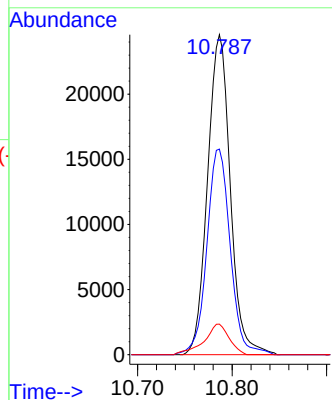
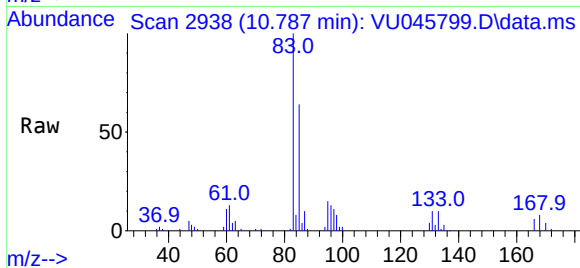
Tgt Ion: 83 Resp: 41056

Ion Ratio Lower Upper

83 100

85 64.2 47.9 89.1

131 9.6 8.1 12.1



#59

Bromoform

Concen: 5.747 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU045799.D

Acq: 16 Nov 2021 09:42

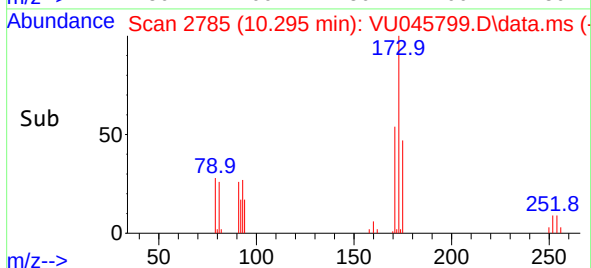
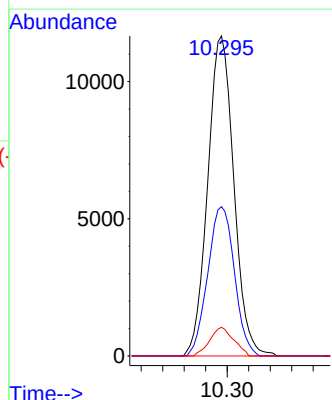
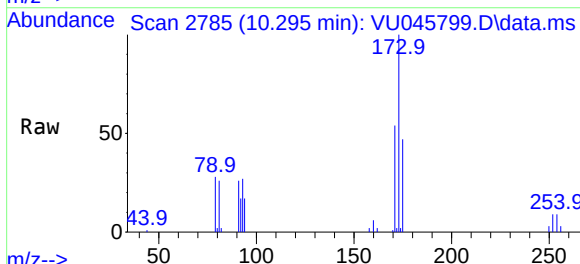
Tgt Ion:173 Resp: 19649

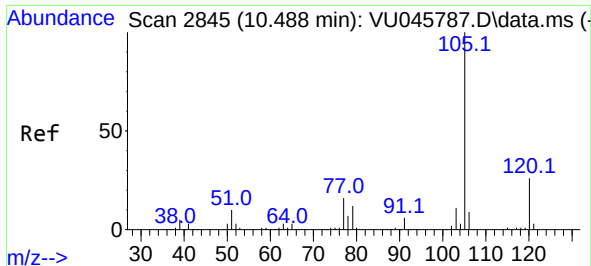
Ion Ratio Lower Upper

173 100

175 47.6 37.8 56.6

254 8.2 7.3 10.9

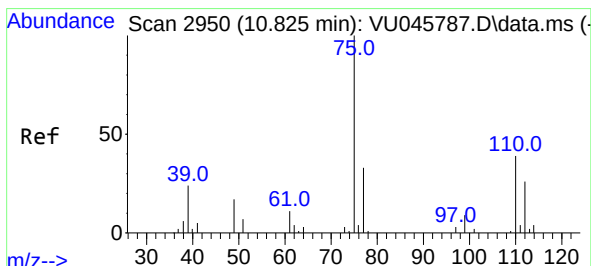
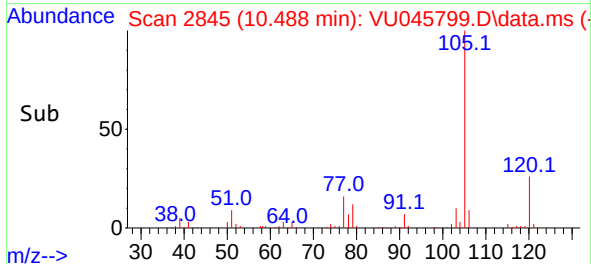
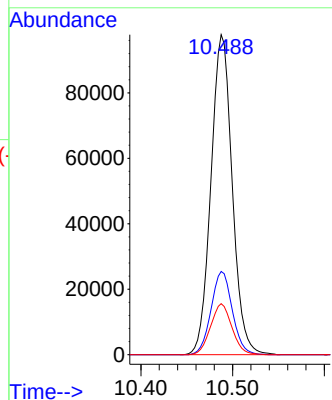
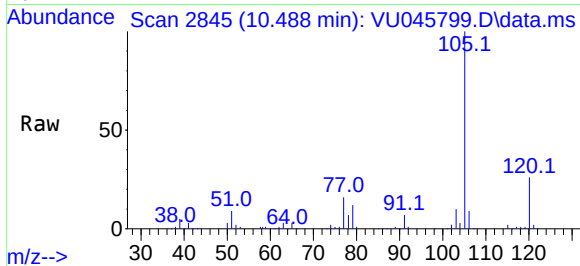




#60
Isopropylbenzene
Concen: 5.196 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

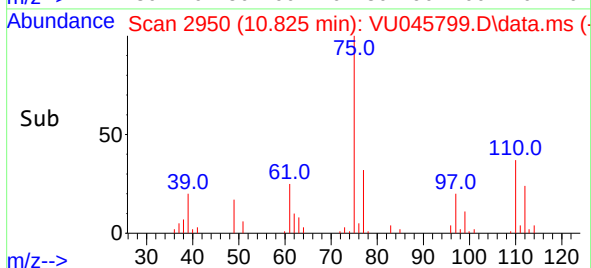
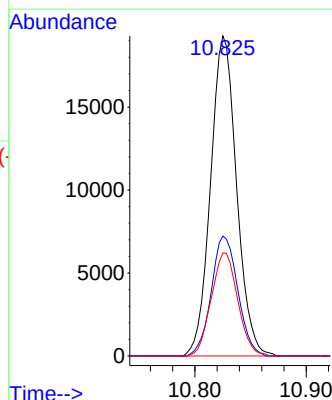
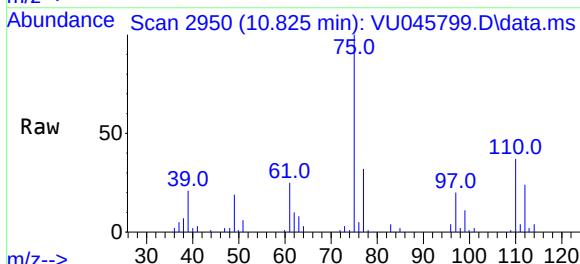
Instrument :
MSVOA_U
ClientSampleId :

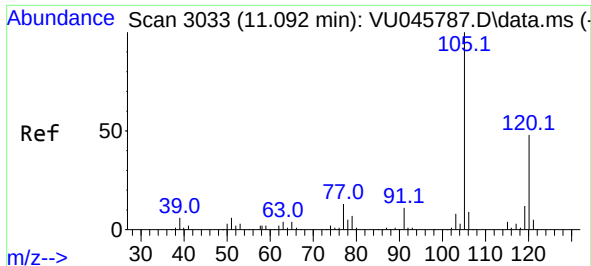
Tgt Ion:105 Resp: 157471
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.836 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion: 75 Resp: 31276
Ion Ratio Lower Upper
75 100
110 38.2 29.9 44.9
77 32.7 25.5 38.3

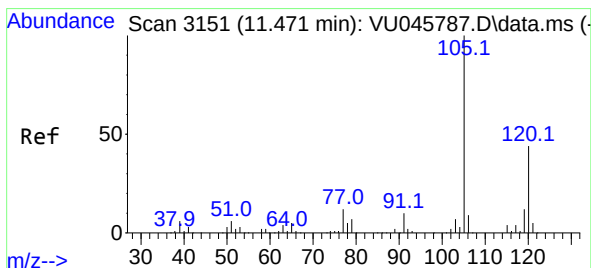
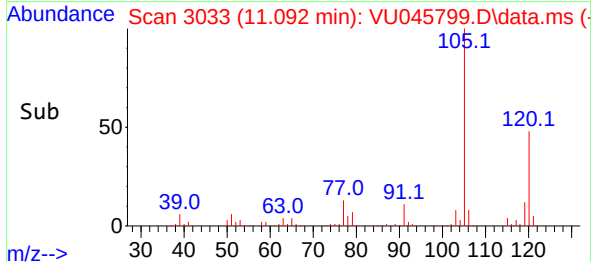
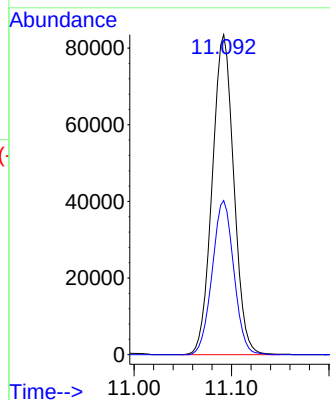
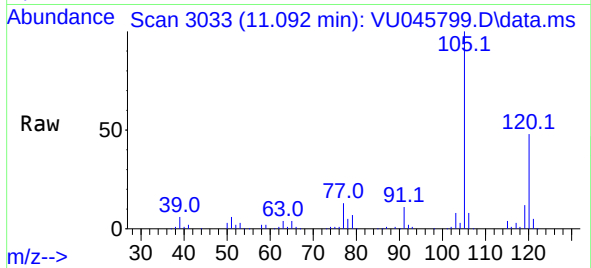




#62
1,3,5-Trimethylbenzene
Concen: 5.185 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

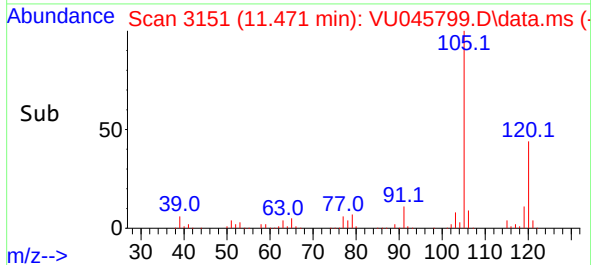
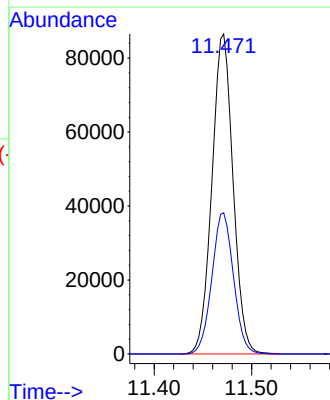
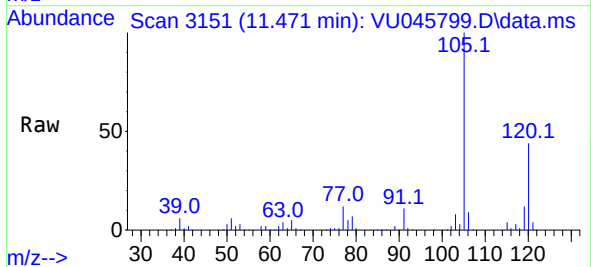
Instrument :
MSVOA_U
ClientSampleId :

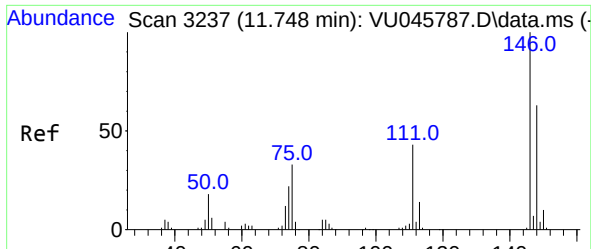
Tgt Ion:105 Resp: 128499
Ion Ratio Lower Upper
105 100
120 48.2 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.249 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion:105 Resp: 130332
Ion Ratio Lower Upper
105 100
120 45.1 35.8 53.8

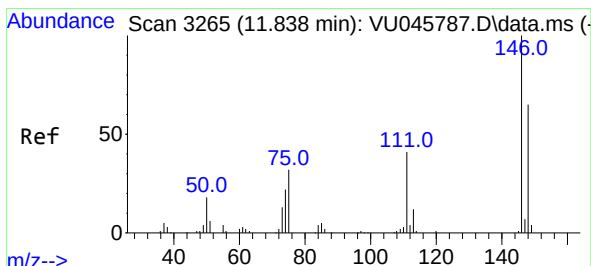
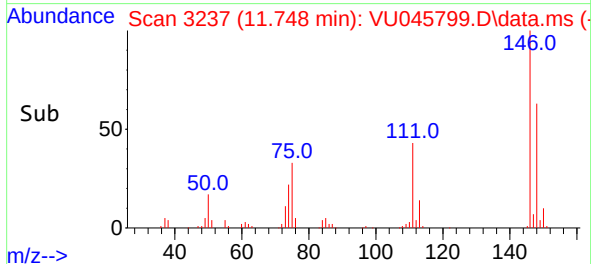
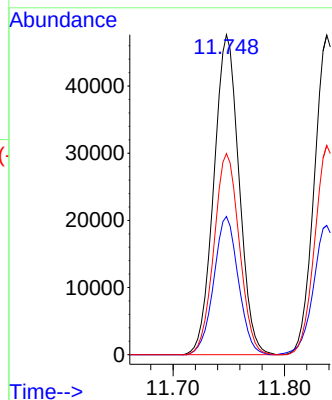
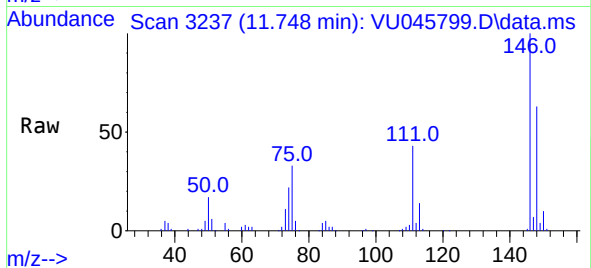




#64
1,3-Dichlorobenzene
Concen: 5.293 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

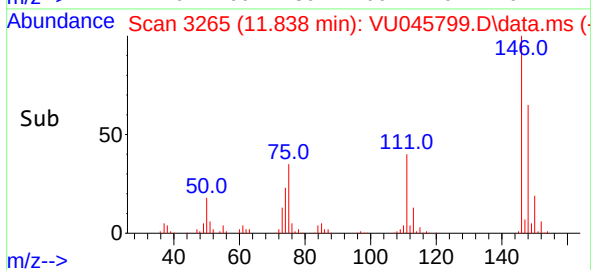
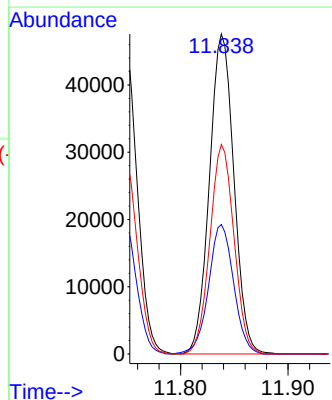
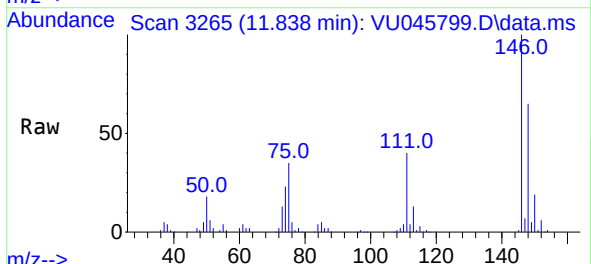
Instrument :
MSVOA_U
ClientSampleId :

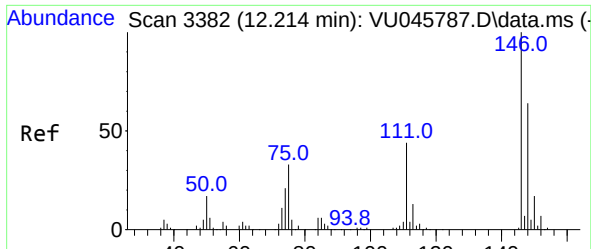
Tgt Ion:146 Resp: 74834
Ion Ratio Lower Upper
146 100
111 43.2 29.9 55.5
148 62.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.237 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

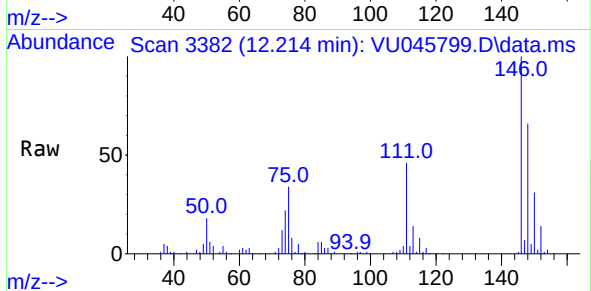
Tgt Ion:146 Resp: 75223
Ion Ratio Lower Upper
146 100
111 40.4 28.7 53.3
148 65.5 45.8 85.0



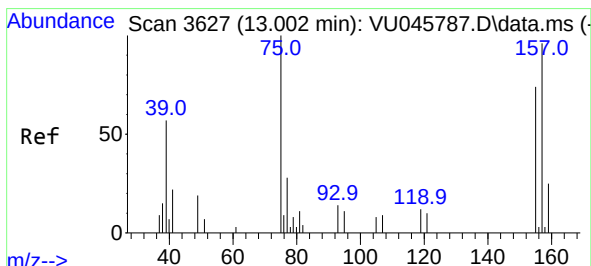
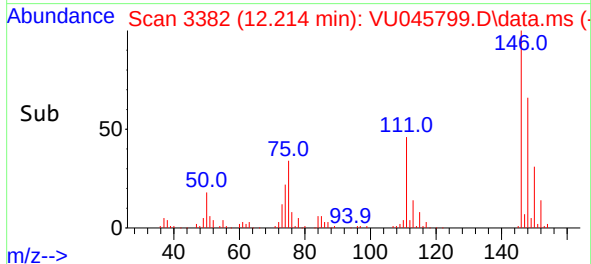
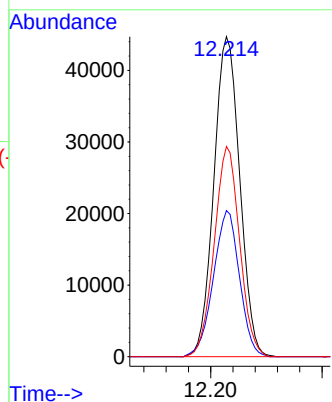


#67
1,2-Dichlorobenzene
Concen: 5.324 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Instrument :
MSVOA_U
ClientSampleId :

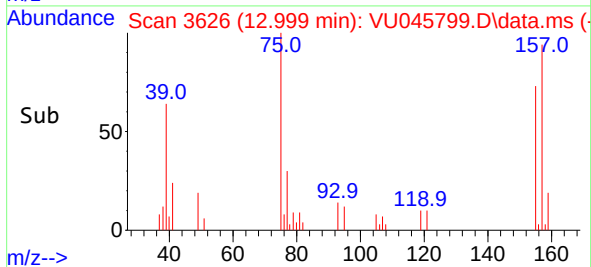
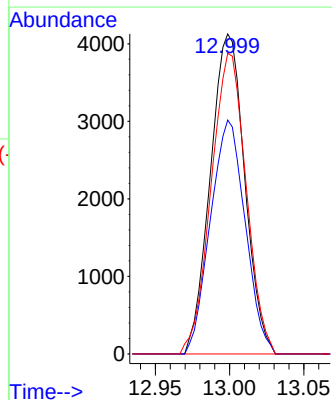
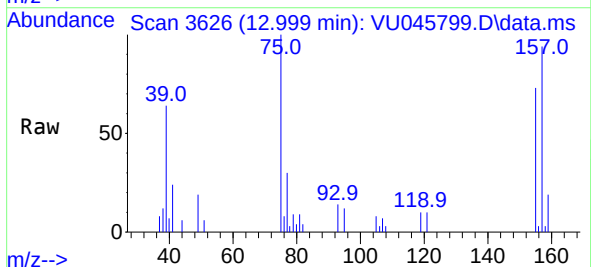


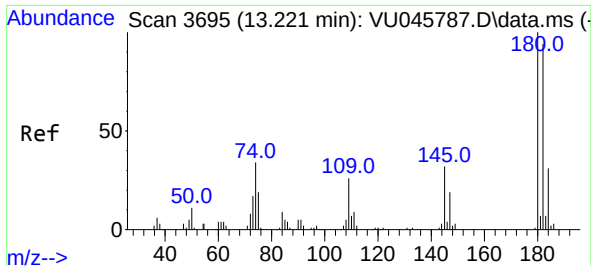
Tgt Ion:146 Resp: 72173
Ion Ratio Lower Upper
146 100
111 45.7 35.4 53.0
148 65.7 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.960 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

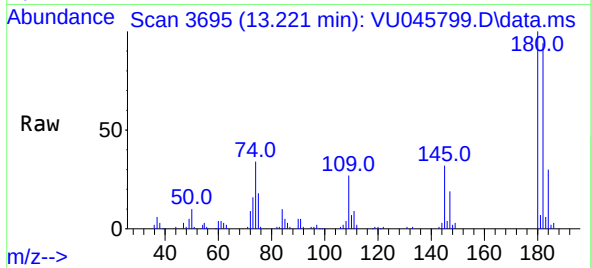
Tgt Ion: 75 Resp: 6645
Ion Ratio Lower Upper
75 100
155 73.1 59.2 88.8
157 94.0 76.5 114.7



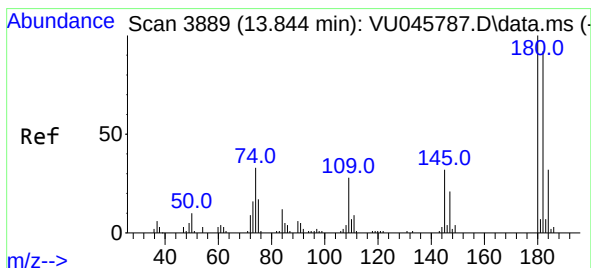
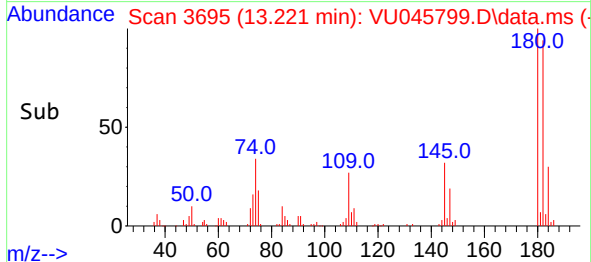
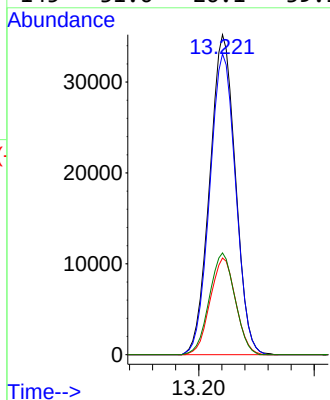


#69
 1,3,5-Trichlorobenzene
 Concen: 5.141 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU045799.D
 Acq: 16 Nov 2021 09:42

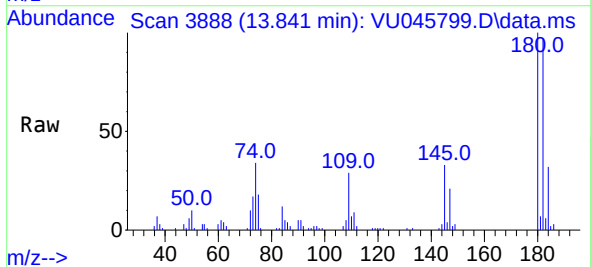
Instrument :
 MSVOA_U
 ClientSampleId :



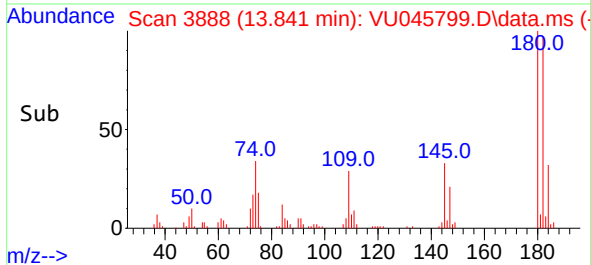
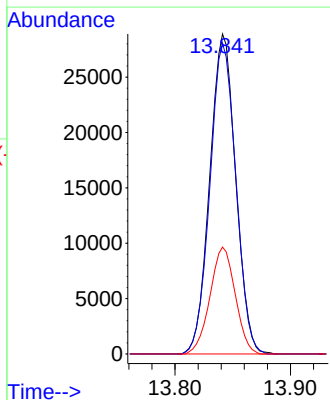
Tgt Ion:180 Resp: 54365
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.1 114.1
 184 30.0 25.0 37.4
 145 31.6 26.1 39.1

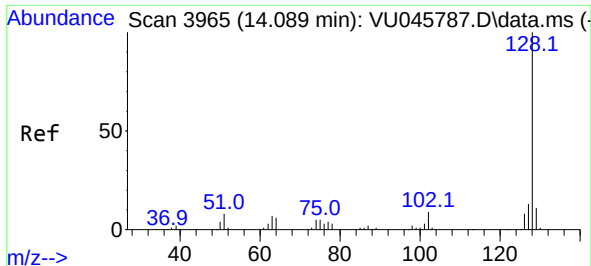


#70
 1,2,4-trichlorobenzene
 Concen: 5.027 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.003 min
 Lab File: VU045799.D
 Acq: 16 Nov 2021 09:42



Tgt Ion:180 Resp: 44990
 Ion Ratio Lower Upper
 180 100
 182 97.3 76.4 114.6
 145 32.5 25.6 38.4

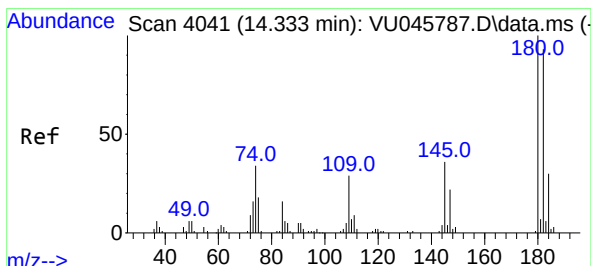
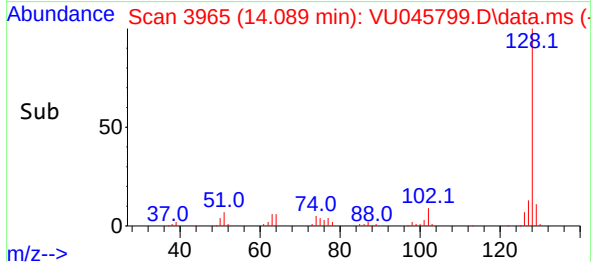
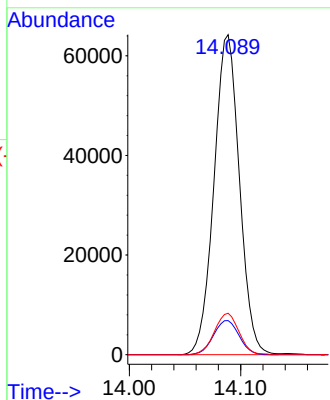
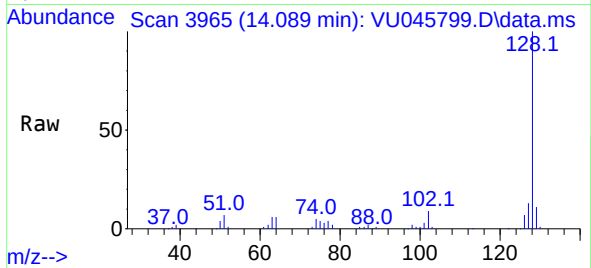




#71
Naphthalene
Concen: 5.542 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045799.D
Acq: 16 Nov 2021 09:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 101891
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.5 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: VU045799.D
Acq: 16 Nov 2021 09:42

Tgt Ion:180 Resp: 46948
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.4
145 34.6 28.4 42.6

