

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049818.D
 Acq On : 21 Jul 2022 09:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

Quant Time: Jul 22 03:06:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	180214	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	175151	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87336	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	66411	43.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.360%
7) Chloroethane-d5	1.899	69	52321	47.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.565	63	122489	45.605	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.220%
21) 2-Butanone-d5	4.620	46	140381	108.148	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.150%
24) Chloroform-d	5.063	84	137760	51.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.300%
26) 1,2-Dichloroethane-d4	5.700	65	91455	50.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.360%
32) Benzene-d6	5.726	84	246719	46.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.740%
36) 1,2-Dichloropropane-d6	6.690	67	86293	48.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.420%
41) Toluene-d8	7.899	98	214110	46.206	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.420%
43) trans-1,3-Dichloroprop...	8.179	79	38439	50.975	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.960%
47) 2-Hexanone-d5	8.632	63	77796	96.631	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.630%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	128455	51.294	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.580%
66) 1,2-Dichlorobenzene-d4	12.192	152	79243	48.123	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	108799	50.365	ug/L	99
3) Chloromethane	1.520	50	118928	50.162	ug/L	98
5) Vinyl chloride	1.600	62	104949	48.987	ug/L	99
6) Bromomethane	1.838	94	54780	55.342	ug/L	97
8) Chloroethane	1.922	64	58661	49.428	ug/L	97
9) Trichlorofluoromethane	2.131	101	139866	52.864	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	76185	54.876	ug/L	97
12) 1,1-Dichloroethene	2.575	96	66016	51.236	ug/L	97
13) Acetone	2.626	43	164413	133.280	ug/L	98
14) Carbon disulfide	2.787	76	193083	44.438	ug/L	99
15) Methyl Acetate	2.948	43	121519	60.634	ug/L	100
16) Methylene chloride	3.041	84	88751	54.698	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	73212	51.941	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	270687	56.067	ug/L	99
19) 1,1-Dichloroethane	3.867	63	161732	55.115	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	87161	55.022	ug/L	95
22) 2-Butanone	4.700	43	211336	127.959	ug/L	99
23) Bromochloromethane	4.973	128	45104	57.063	ug/L	95
25) Chloroform	5.086	83	167414	56.894	ug/L	97

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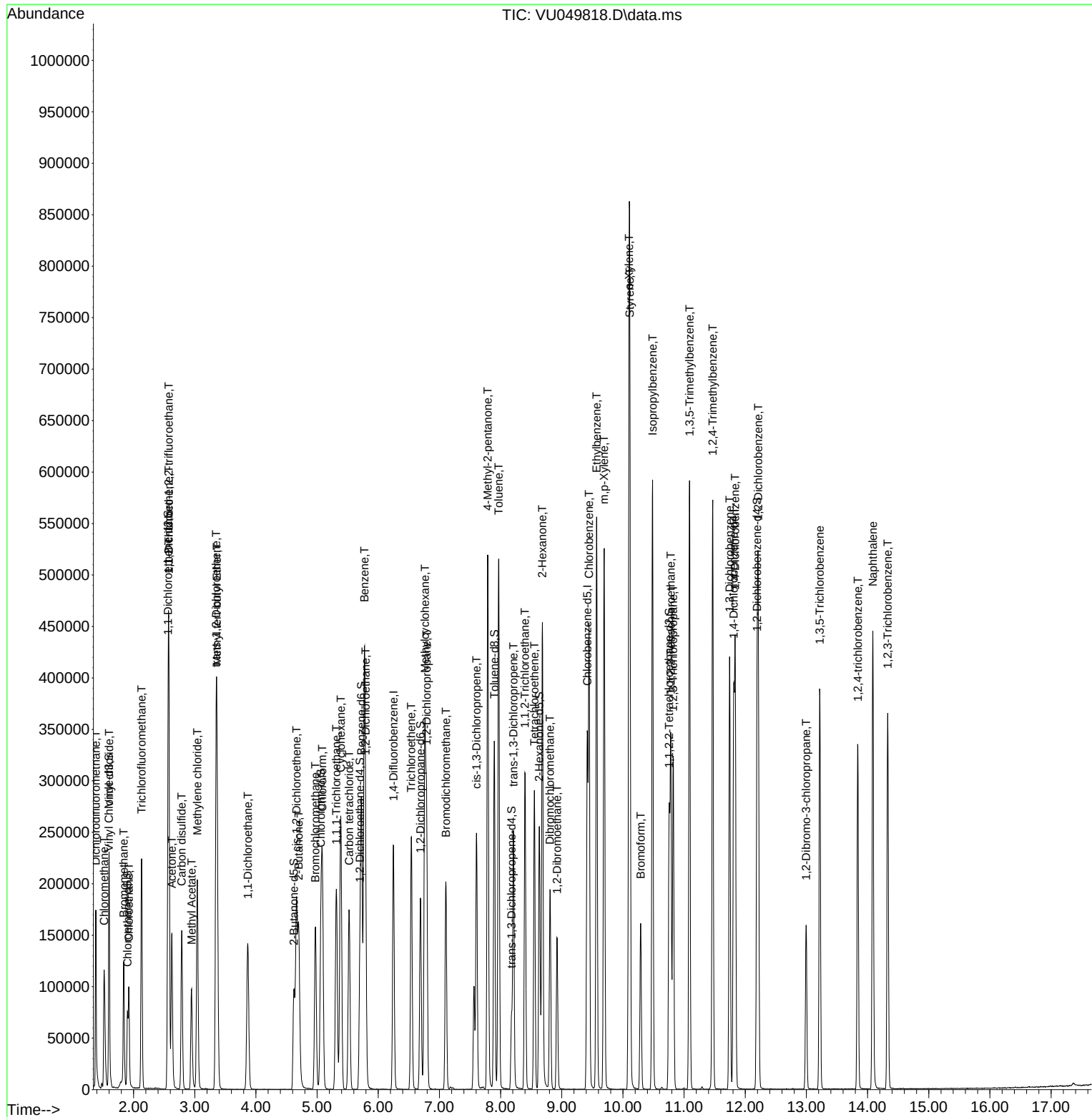
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	140436	56.049	ug/L	99
29) Cyclohexane	5.388	56	130851	47.862	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	142263	56.104	ug/L	98
31) Carbon tetrachloride	5.523	117	117047	56.438	ug/L	100
33) Benzene	5.774	78	350422	53.226	ug/L	100
34) Trichloroethene	6.539	95	84242	52.935	ug/L	97
35) Methylcyclohexane	6.764	83	127688	51.059	ug/L	98
37) 1,2-Dichloropropane	6.790	63	99451	54.499	ug/L	100
38) Bromodichloromethane	7.105	83	128048	56.596	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	140511	57.093	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	339467	114.911	ug/L	99
42) Toluene	7.970	91	356842	54.536	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	133231	57.655	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	91378	57.369	ug/L	97
46) Tetrachloroethene	8.552	164	59269	53.697	ug/L	95
48) 2-Hexanone	8.684	43	283565	120.117	ug/L	100
49) Dibromochloromethane	8.809	129	95132	59.382	ug/L	95
50) 1,2-Dibromoethane	8.925	107	94196	59.534	ug/L	100
51) Chlorobenzene	9.446	112	213543	53.891	ug/L	100
52) Ethylbenzene	9.571	91	371630	53.822	ug/L	100
53) m,p-Xylene	9.693	106	140331	55.892	ug/L	96
54) o-Xylene	10.098	106	137546	54.407	ug/L	97
55) Styrene	10.115	104	239580	57.424	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	163407	57.311	ug/L	100
59) Bromoform	10.291	173	69058	58.954	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	131390	56.481	ug/L	100
61) Isopropylbenzene	10.484	105	355686	54.542	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	305297	55.501	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	298551	54.632	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	157160	55.206	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	153885	53.813	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	165533	55.920	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	40548	59.487	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	112613	56.453	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	95191	52.000	ug/L	97
71) Naphthalene	14.085	128	339385	51.861	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	103861	54.772	ug/L	99

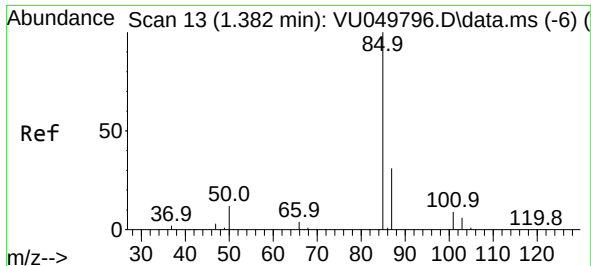
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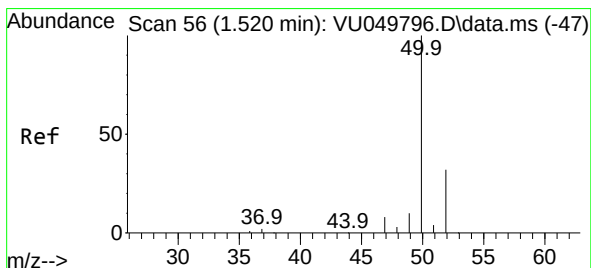
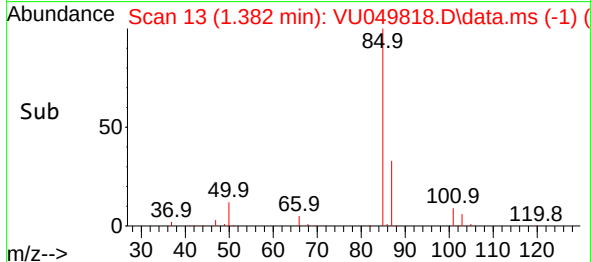
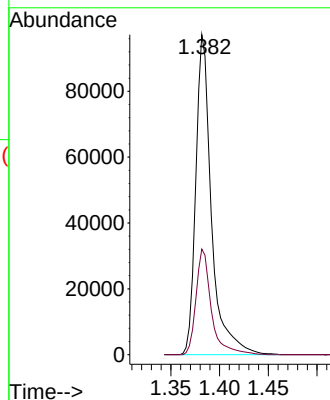
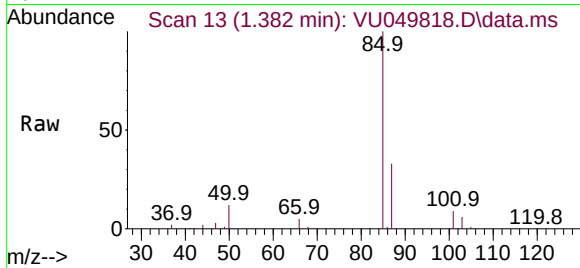




#2
Dichlorodifluoromethane
Concen: 50.365 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

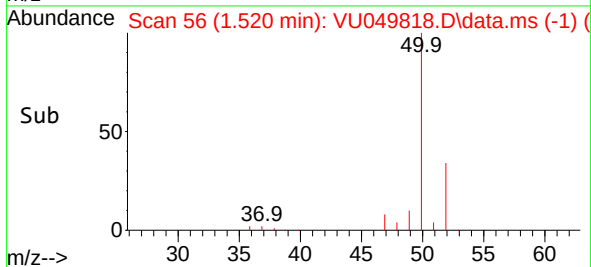
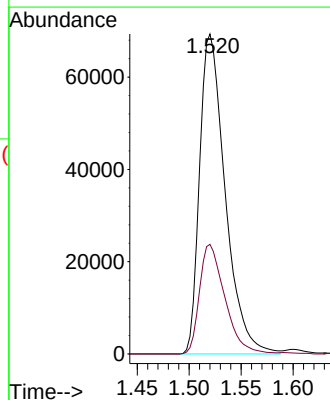
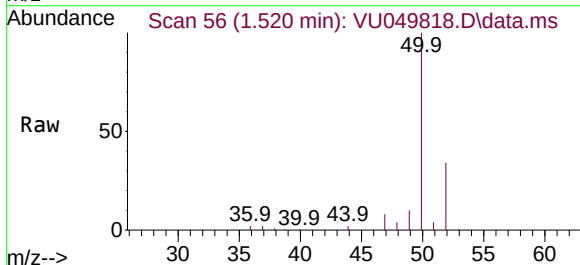
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

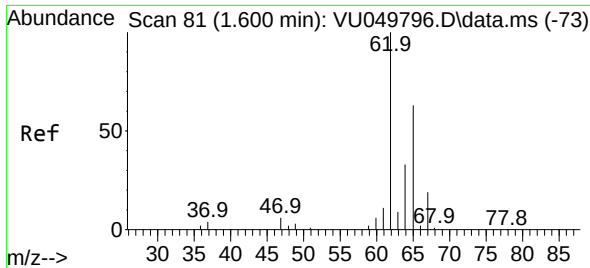
Tgt Ion: 85 Resp: 108799
Ion Ratio Lower Upper
85 100
87 32.3 26.3 39.5



#3
Chloromethane
Concen: 50.162 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion: 50 Resp: 118928
Ion Ratio Lower Upper
50 100
52 34.3 23.2 43.0

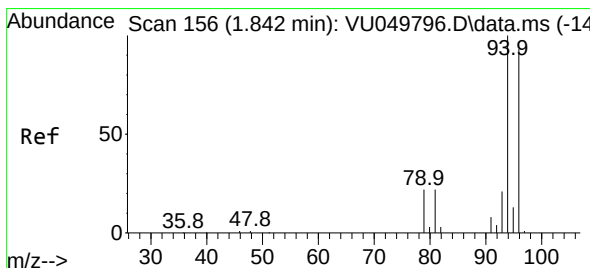
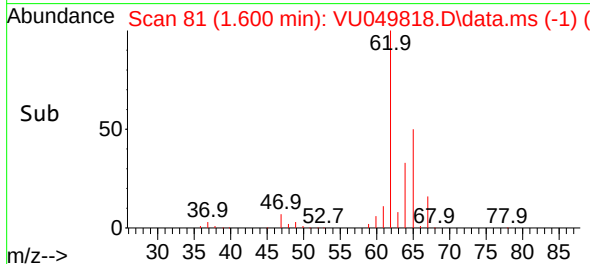
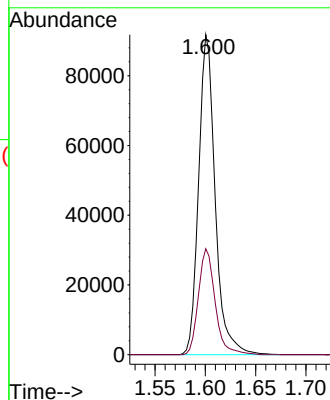
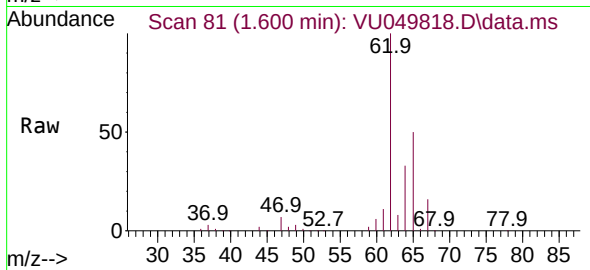




#5
 Vinyl chloride
 Concen: 48.987 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049818.D
 Acq: 21 Jul 2022 09:25

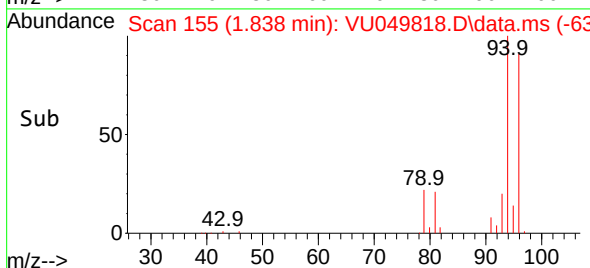
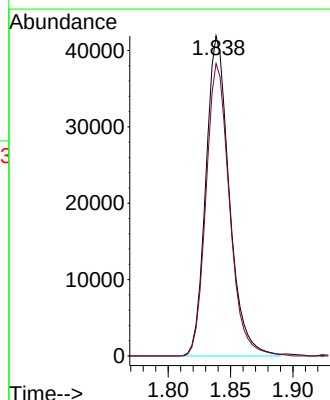
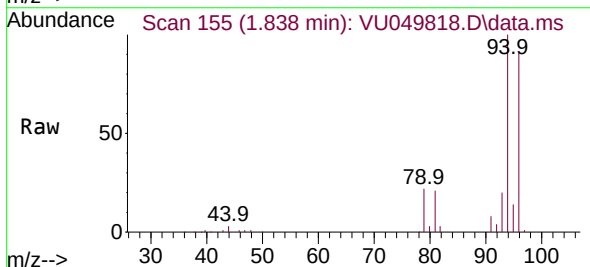
Instrument :
 MSVOA_U
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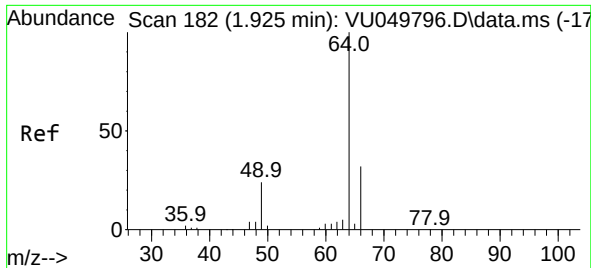
Tgt Ion: 62 Resp: 104949
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.0 42.6



#6
 Bromomethane
 Concen: 55.342 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. -0.003 min
 Lab File: VU049818.D
 Acq: 21 Jul 2022 09:25

Tgt Ion: 94 Resp: 54780
 Ion Ratio Lower Upper
 94 100
 96 91.4 66.1 122.7

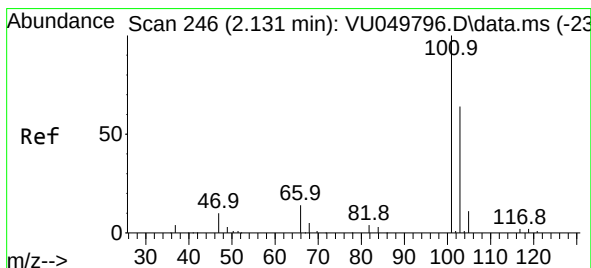
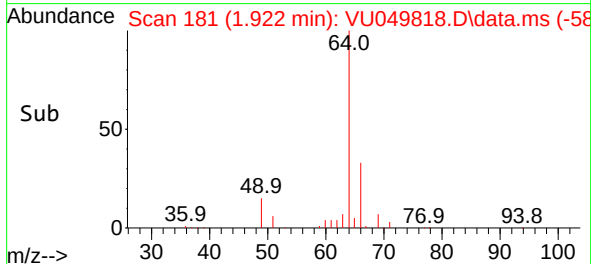
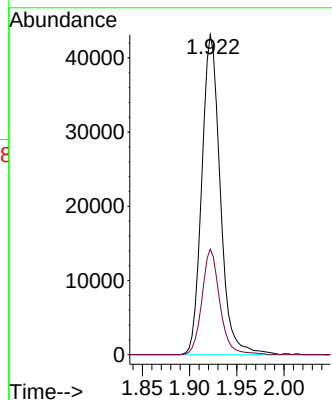
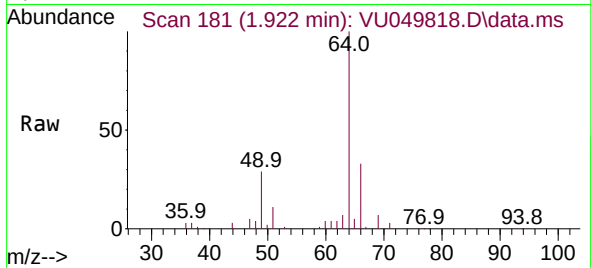




#8
Chloroethane
Concen: 49.428 ug/L
RT: 1.922 min Scan# 181
Delta R.T. -0.003 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

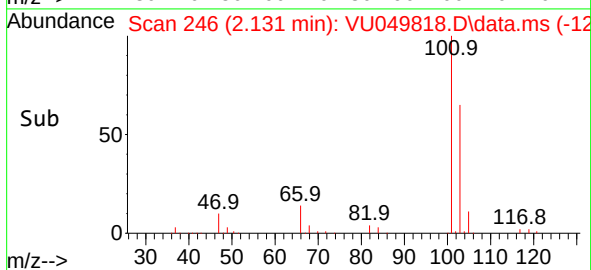
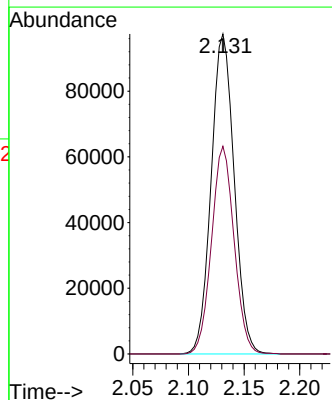
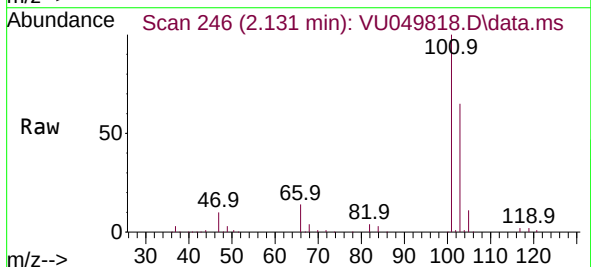
Instrument :
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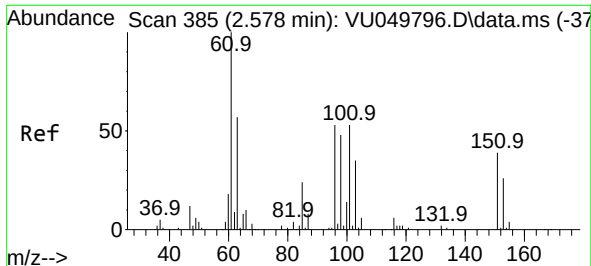
Tgt Ion: 64 Resp: 58661
Ion Ratio Lower Upper
64 100
66 33.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 52.864 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion:101 Resp: 139866
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4

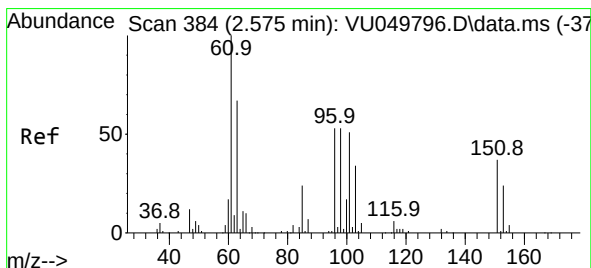
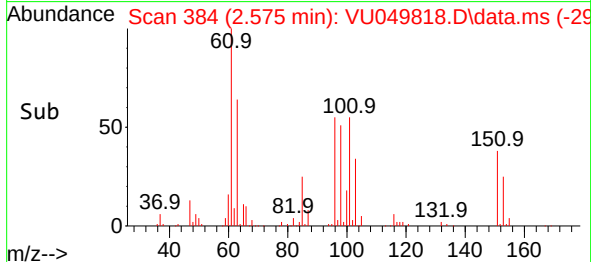
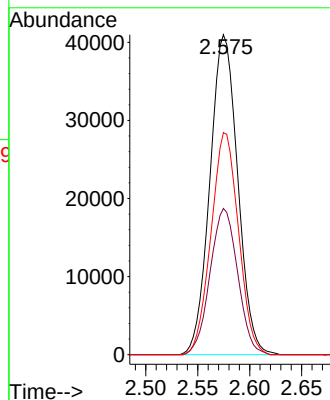
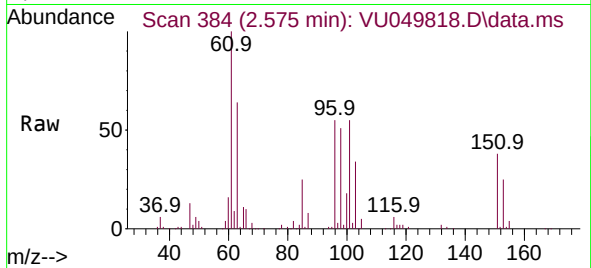




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.876 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049818.D
 Acq: 21 Jul 2022 09:25

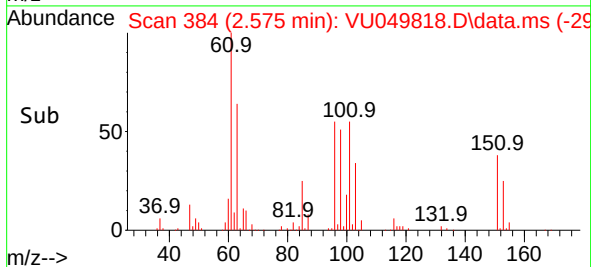
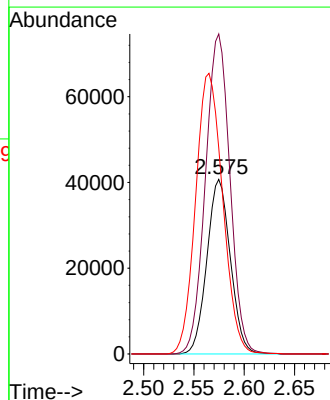
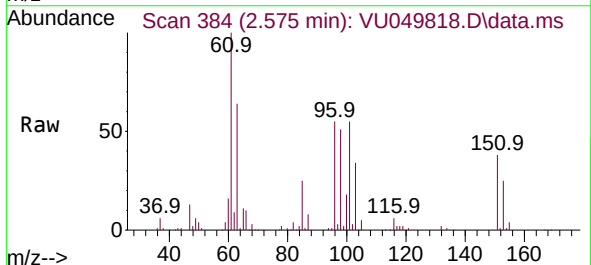
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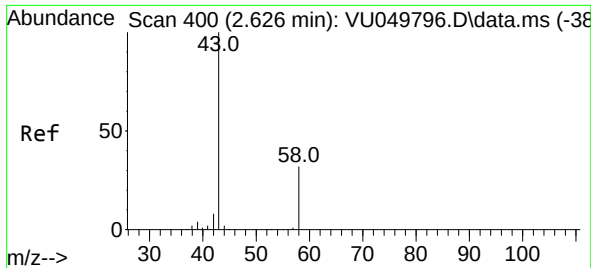
Tgt Ion:101 Resp: 76185
 Ion Ratio Lower Upper
 101 100
 85 45.3 37.3 55.9
 151 68.7 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 51.236 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU049818.D
 Acq: 21 Jul 2022 09:25

Tgt Ion: 96 Resp: 66016
 Ion Ratio Lower Upper
 96 100
 61 183.3 129.6 240.6
 63 118.0 79.0 146.6





#13

Acetone

Concen: 133.280 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

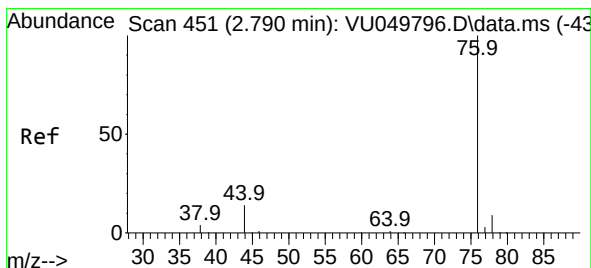
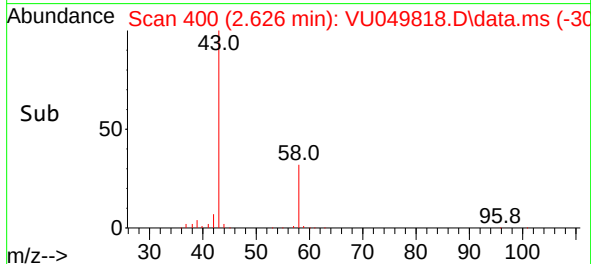
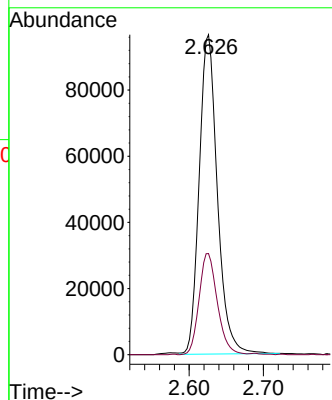
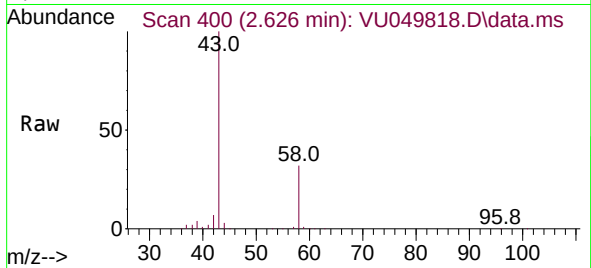
VSTD050173

Tgt Ion: 43 Resp: 164413

Ion Ratio Lower Upper

43 100

58 31.8 0.0 61.4



#14

Carbon disulfide

Concen: 44.438 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU049818.D

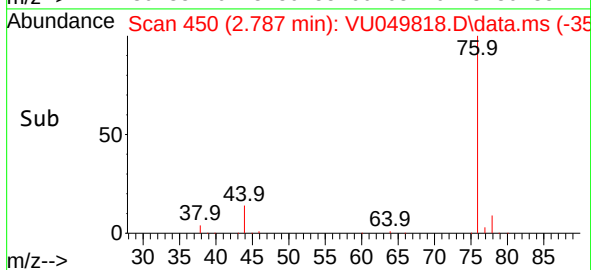
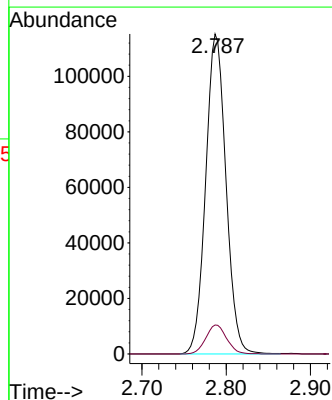
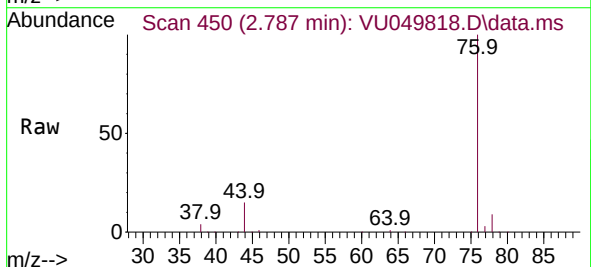
Acq: 21 Jul 2022 09:25

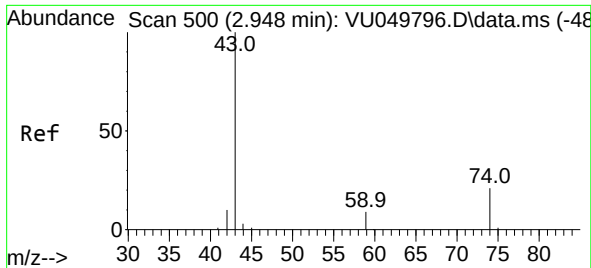
Tgt Ion: 76 Resp: 193083

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

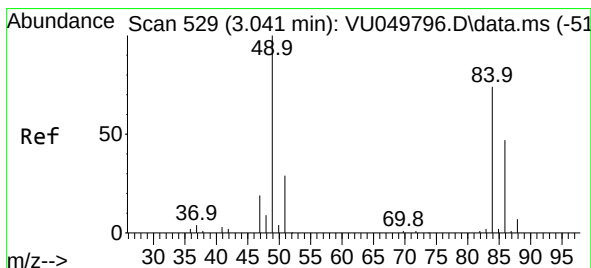
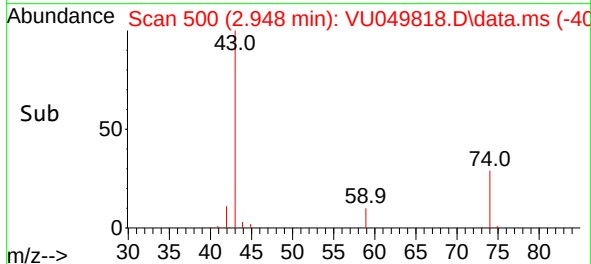
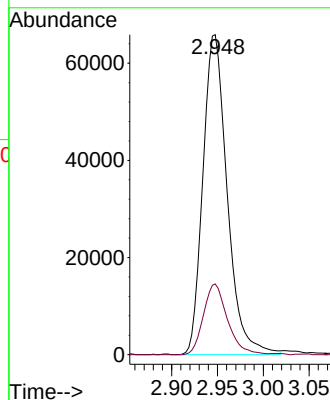
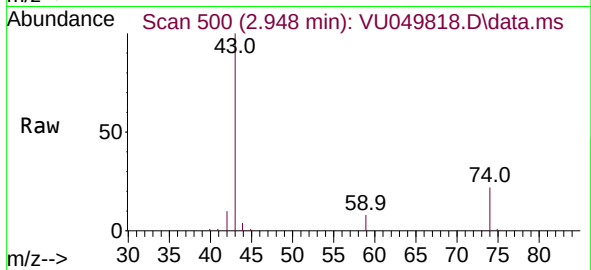




#15
Methyl Acetate
Concen: 60.634 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

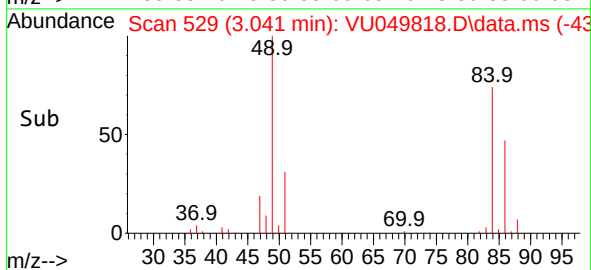
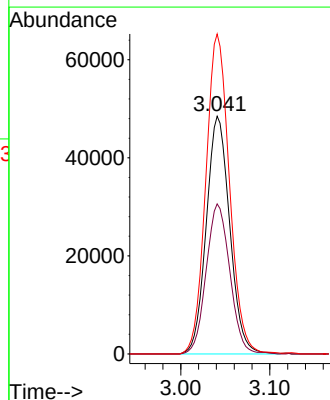
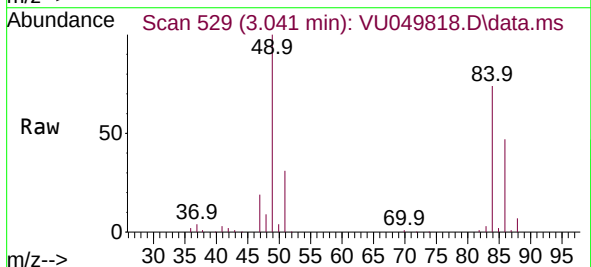
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

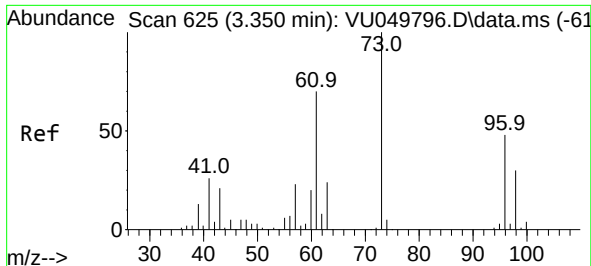
Tgt Ion: 43 Resp: 121519
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.0



#16
Methylene chloride
Concen: 54.698 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion: 84 Resp: 88751
Ion Ratio Lower Upper
84 100
86 63.1 45.6 84.6
49 134.6 94.4 175.4





#17

trans-1,2-Dichloroethene

Concen: 51.941 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD050173

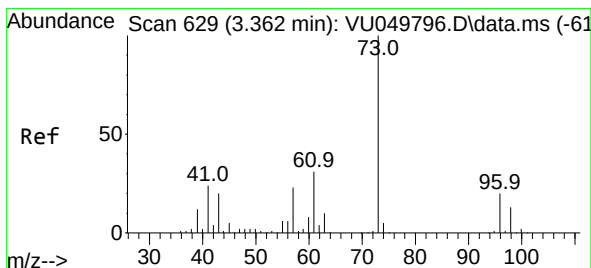
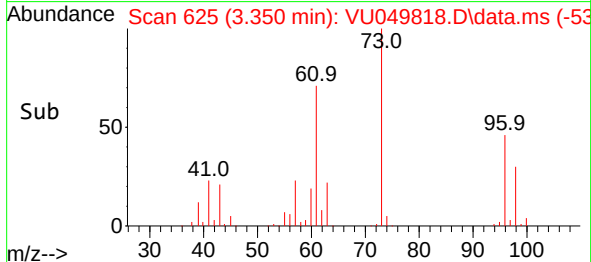
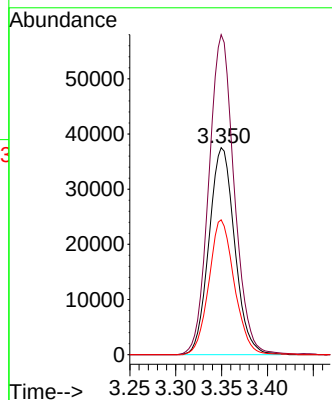
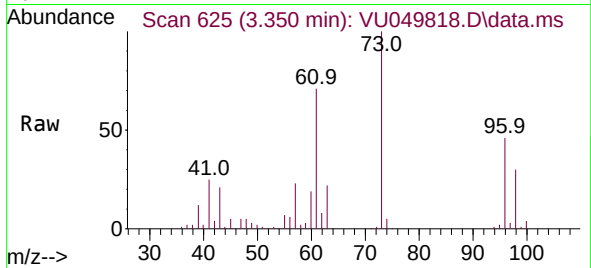
Tgt Ion: 96 Resp: 73212

Ion Ratio Lower Upper

96 100

61 154.6 107.6 199.8

98 65.2 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 56.067 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

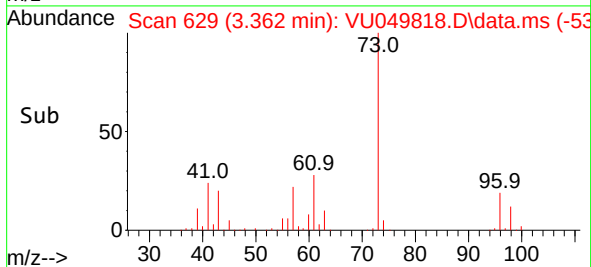
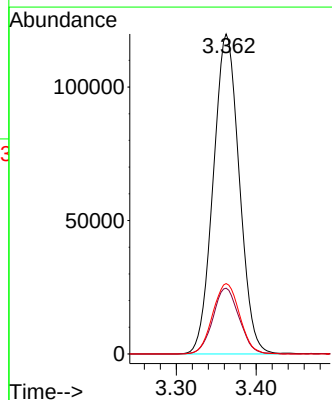
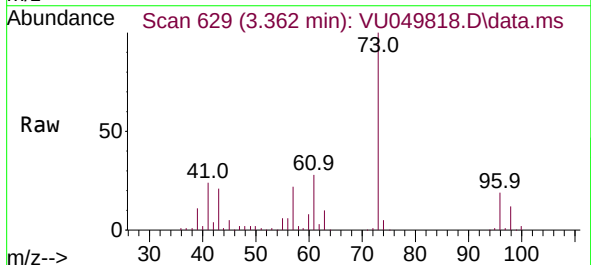
Tgt Ion: 73 Resp: 270687

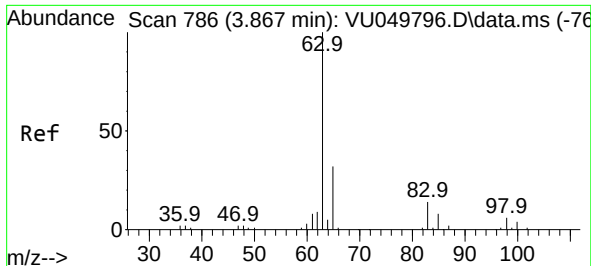
Ion Ratio Lower Upper

73 100

43 20.9 17.0 25.4

57 22.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 55.115 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD050173

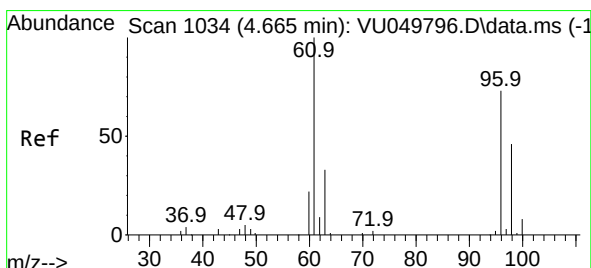
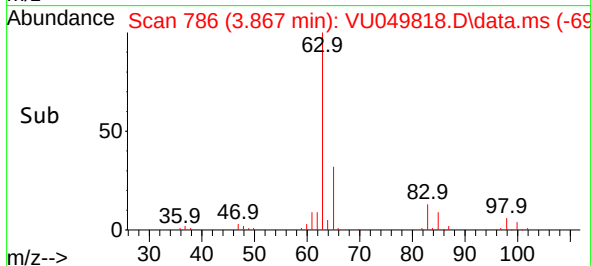
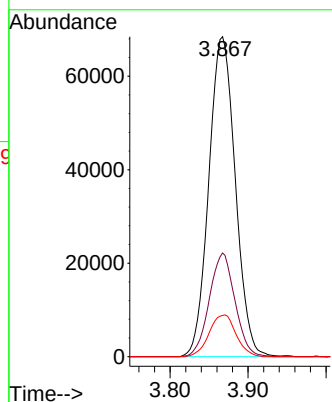
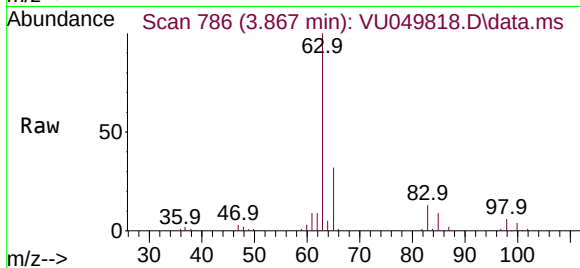
Tgt Ion: 63 Resp: 161732

Ion Ratio Lower Upper

63 100

65 32.4 22.6 42.0

83 12.9 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 55.022 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

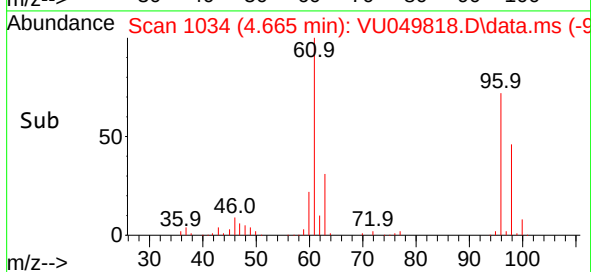
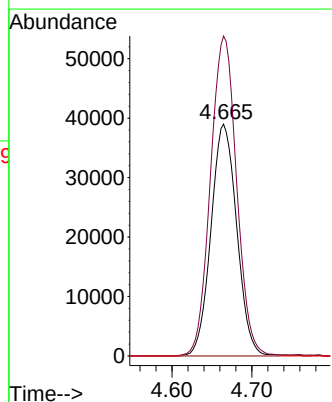
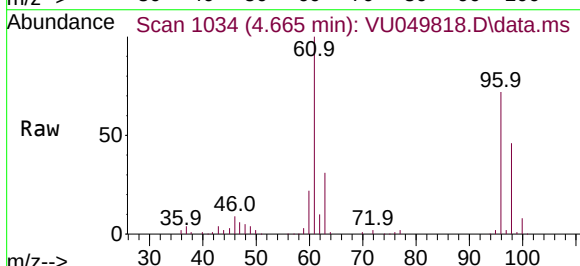
Tgt Ion: 96 Resp: 87161

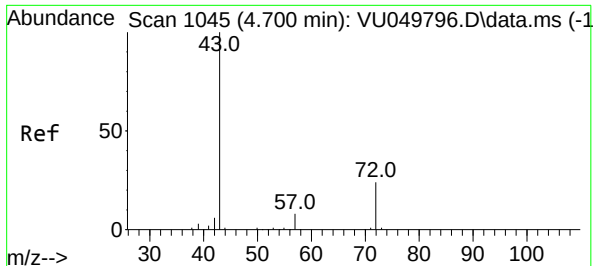
Ion Ratio Lower Upper

96 100

61 138.0 101.1 187.7

68 0.0 0.0 0.0

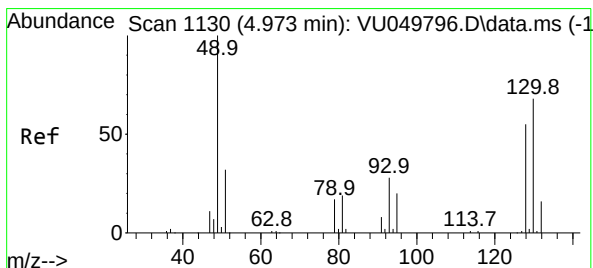
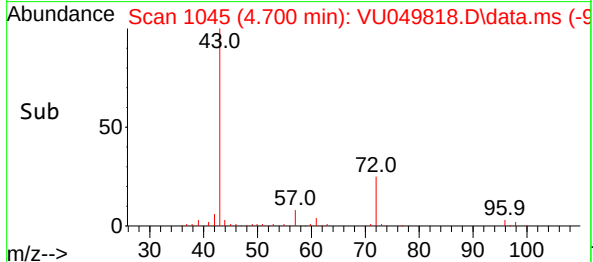
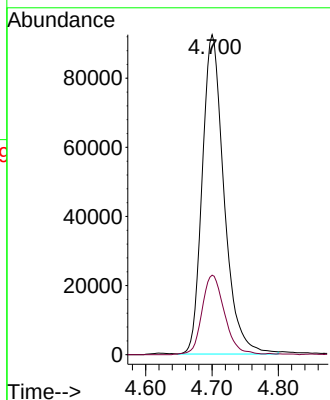
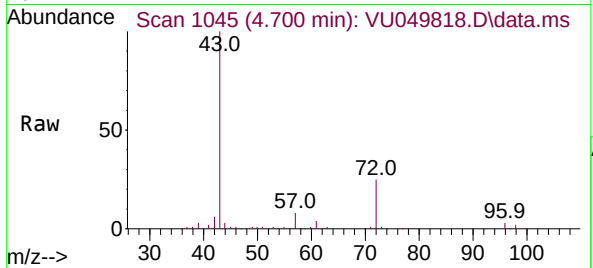




#22
2-Butanone
Concen: 127.959 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

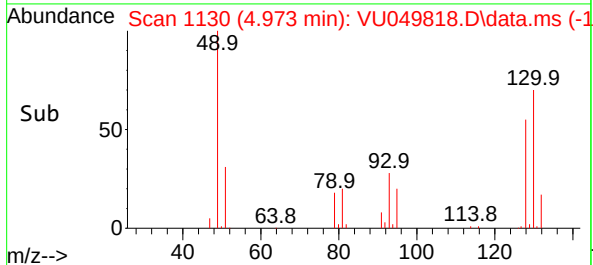
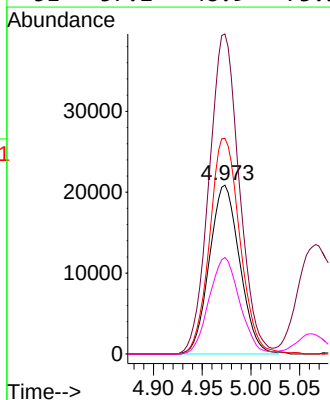
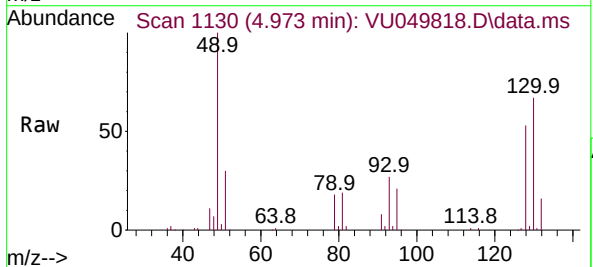
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

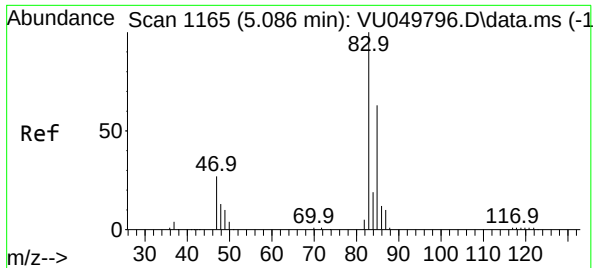
Tgt Ion: 43 Resp: 211336
Ion Ratio Lower Upper
43 100
72 25.7 12.7 38.0



#23
Bromochloromethane
Concen: 57.063 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion:128 Resp: 45104
Ion Ratio Lower Upper
128 100
49 189.6 140.9 261.7
130 127.8 90.0 167.2
51 57.2 48.9 73.3





#25

Chloroform

Concen: 56.894 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

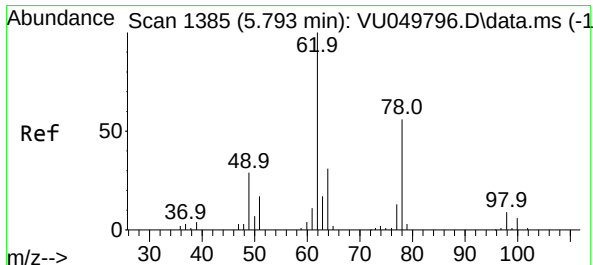
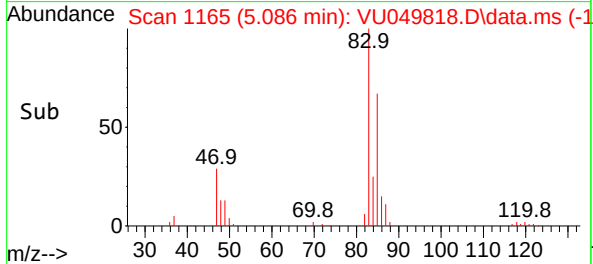
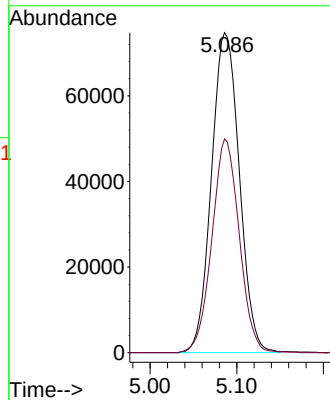
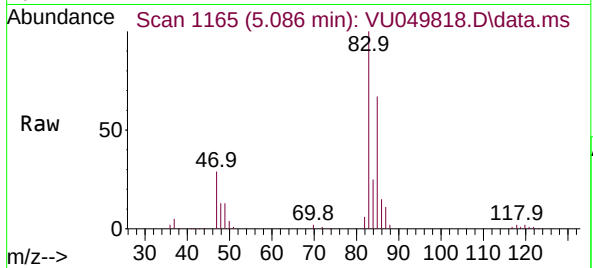
VSTD050173

Tgt Ion: 83 Resp: 167414

Ion Ratio Lower Upper

83 100

85 66.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 56.049 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU049818.D

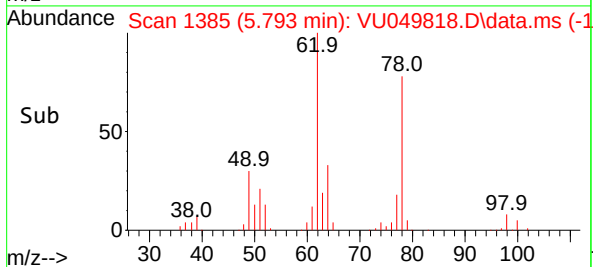
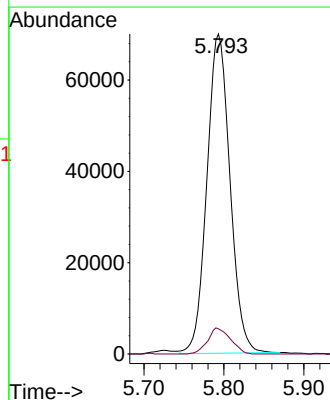
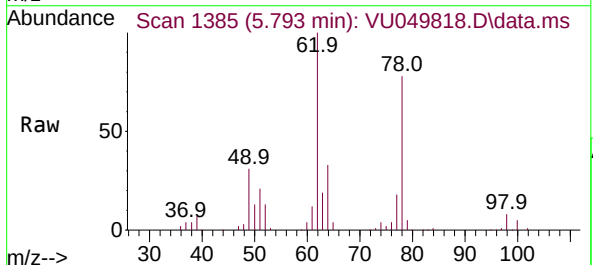
Acq: 21 Jul 2022 09:25

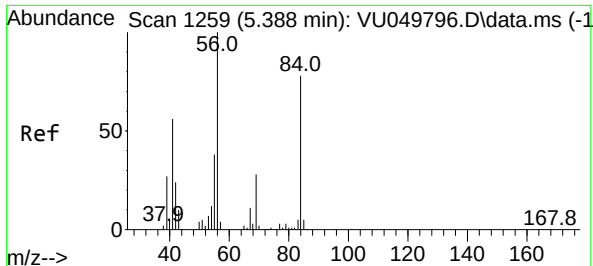
Tgt Ion: 62 Resp: 140436

Ion Ratio Lower Upper

62 100

98 7.9 6.7 10.1





#29

Cyclohexane

Concen: 47.862 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD050173

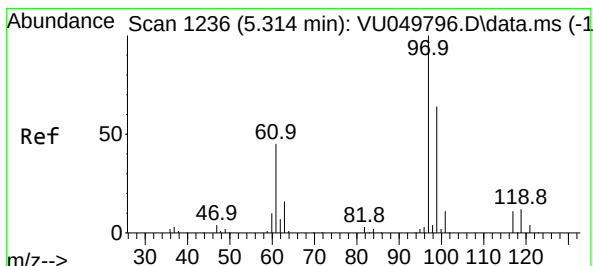
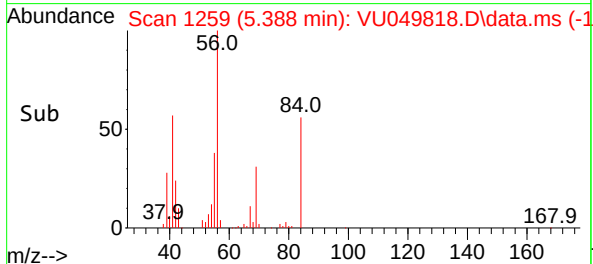
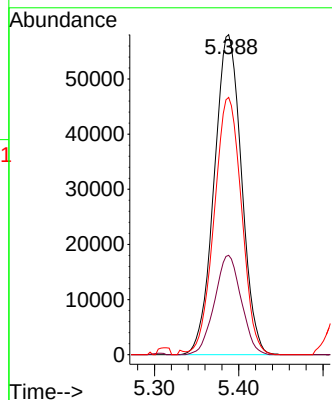
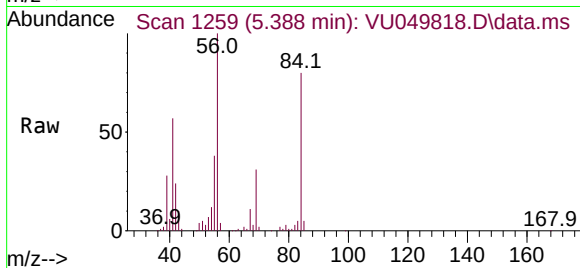
Tgt Ion: 56 Resp: 130851

Ion Ratio Lower Upper

56 100

69 30.2 23.4 35.2

84 80.3 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 56.104 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

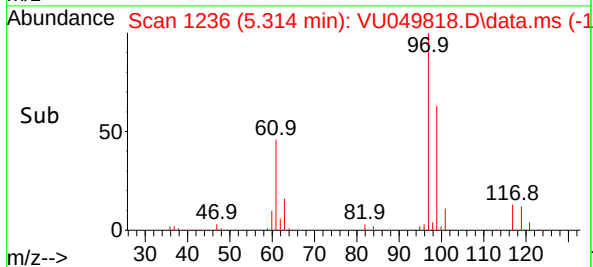
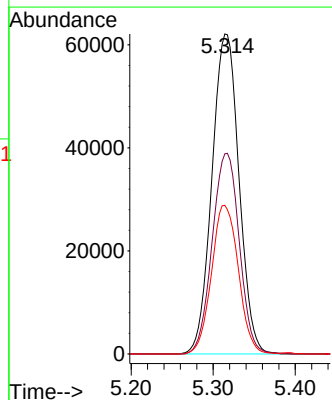
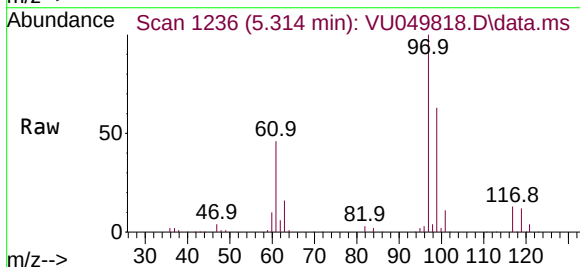
Tgt Ion: 97 Resp: 142263

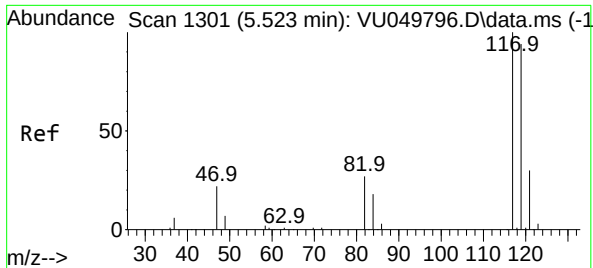
Ion Ratio Lower Upper

97 100

99 62.9 51.3 76.9

61 46.2 38.2 57.2

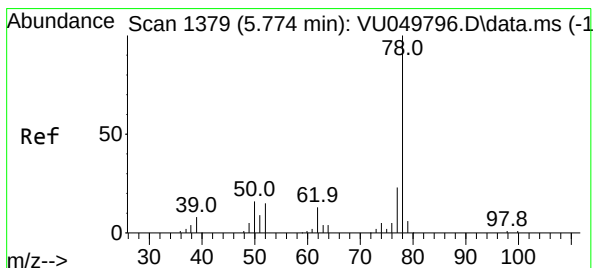
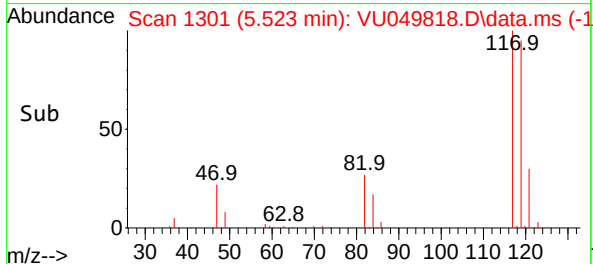
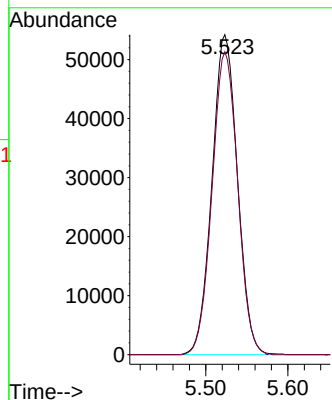
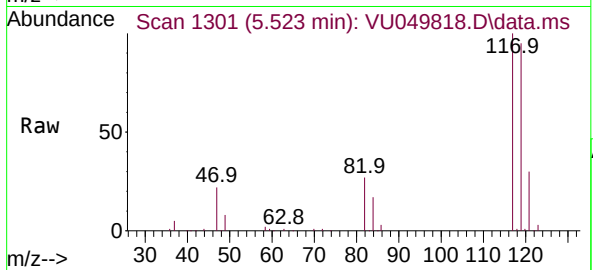




#31
Carbon tetrachloride
Concen: 56.438 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

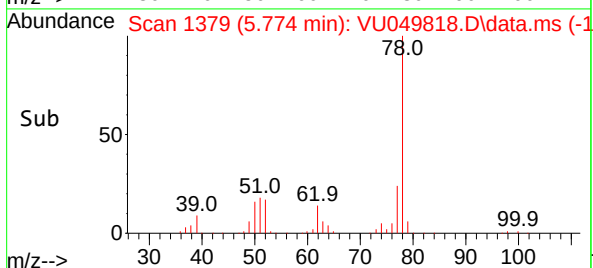
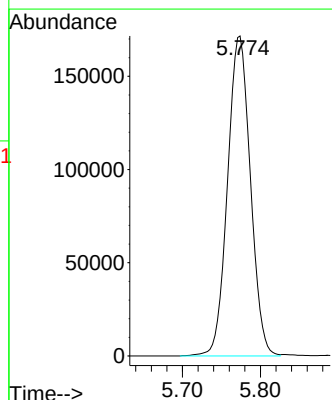
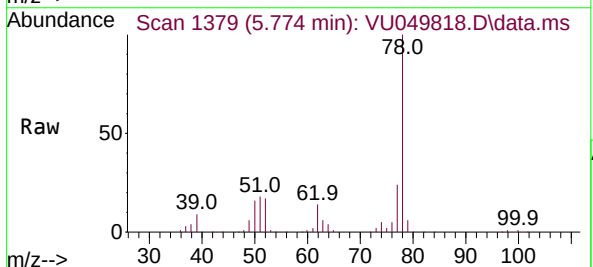
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

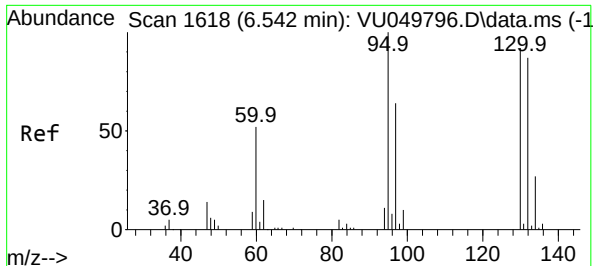
Tgt Ion:117 Resp: 117047
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8



#33
Benzene
Concen: 53.226 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion: 78 Resp: 350422





#34

Trichloroethene

Concen: 52.935 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD050173

Tgt Ion: 95 Resp: 84242

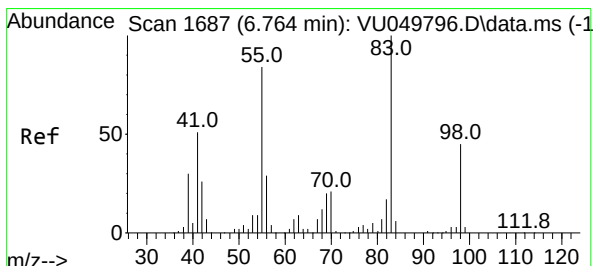
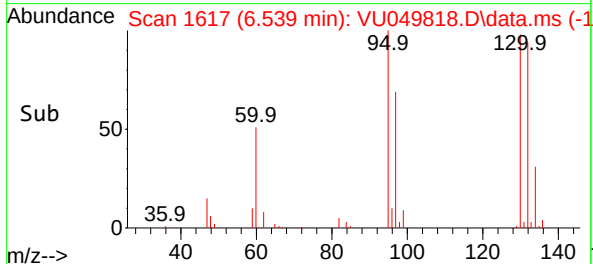
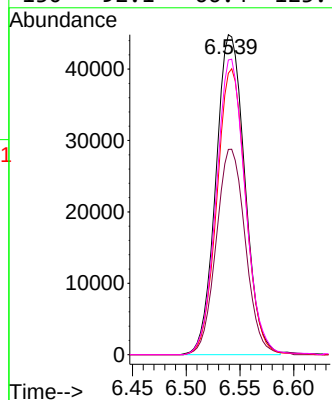
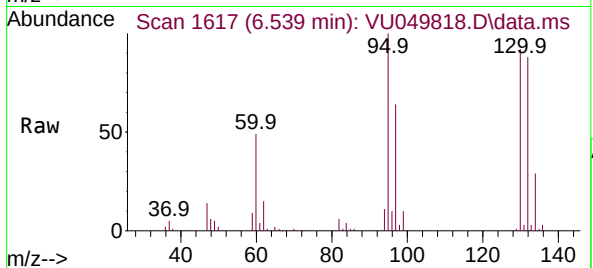
Ion Ratio Lower Upper

95 100

97 64.2 46.9 87.1

132 87.9 62.7 116.5

130 92.1 66.4 123.4



#35

Methylcyclohexane

Concen: 51.059 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

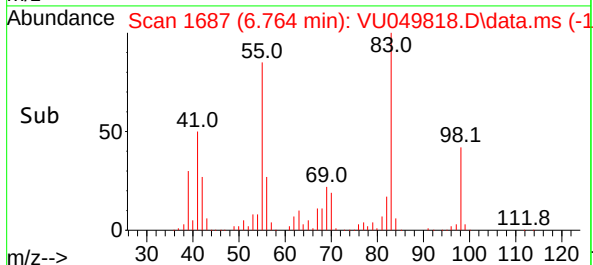
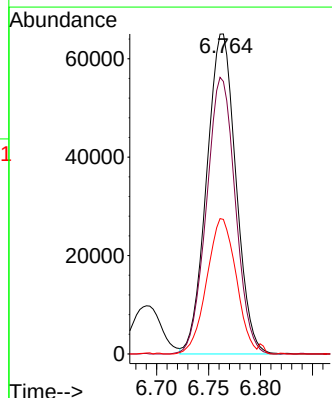
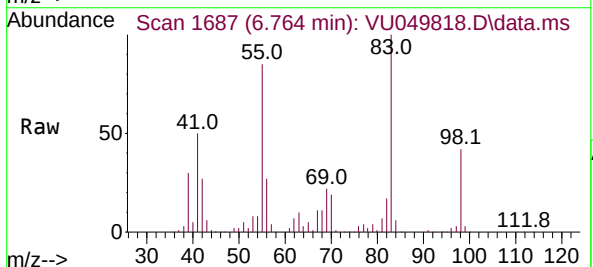
Tgt Ion: 83 Resp: 127688

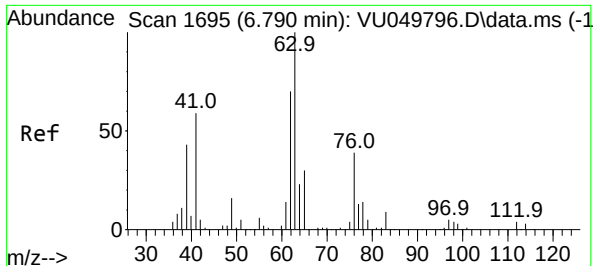
Ion Ratio Lower Upper

83 100

55 85.0 66.0 99.0

98 42.3 34.6 51.8





#37

1,2-Dichloropropane

Concen: 54.499 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

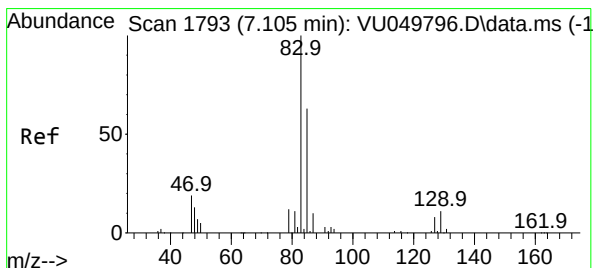
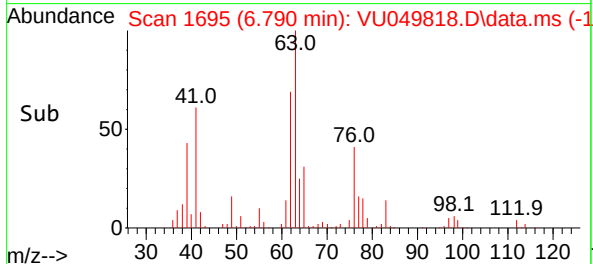
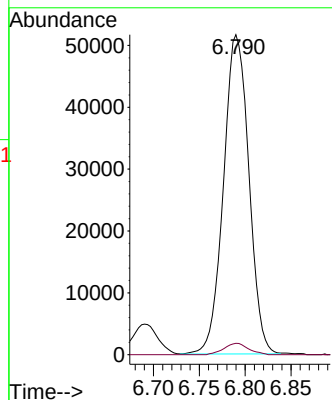
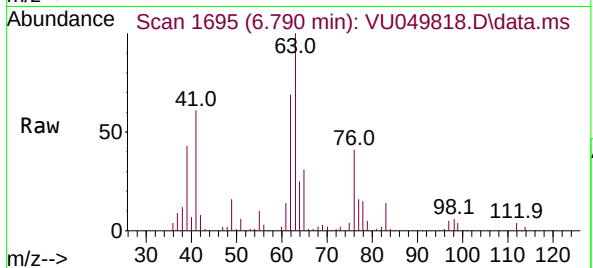
VSTD050173

Tgt Ion: 63 Resp: 99451

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 56.596 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

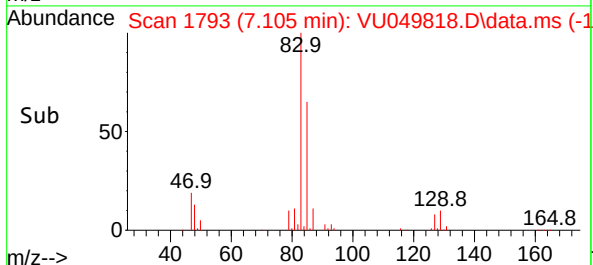
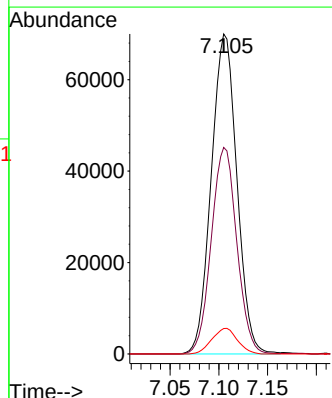
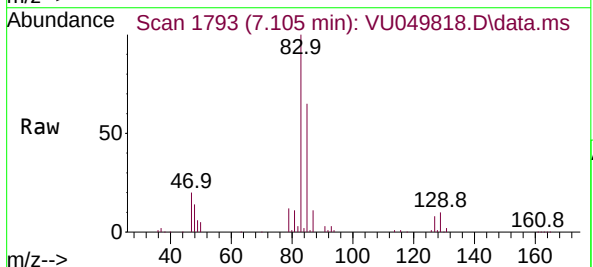
Tgt Ion: 83 Resp: 128048

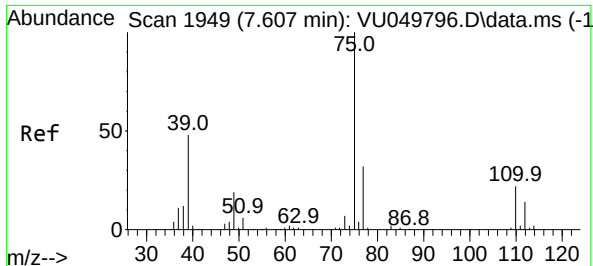
Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.2

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 57.093 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

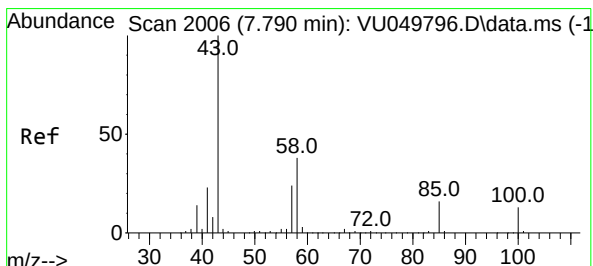
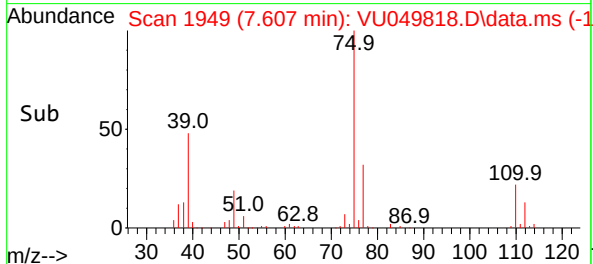
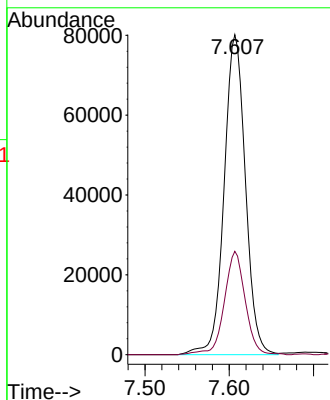
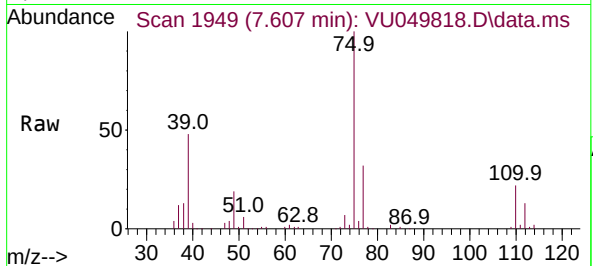
VSTD050173

Tgt Ion: 75 Resp: 140511

Ion Ratio Lower Upper

75 100

77 32.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 114.911 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

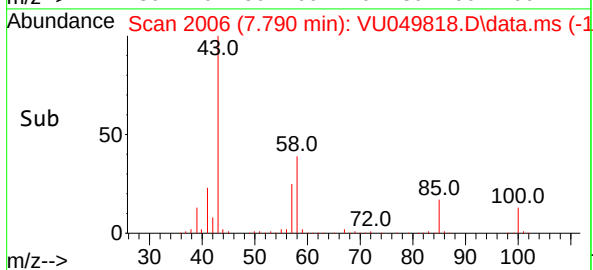
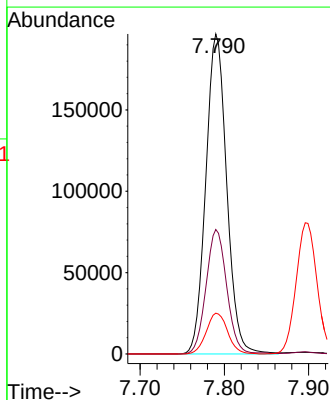
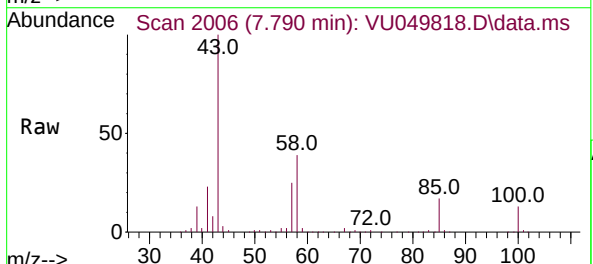
Tgt Ion: 43 Resp: 339467

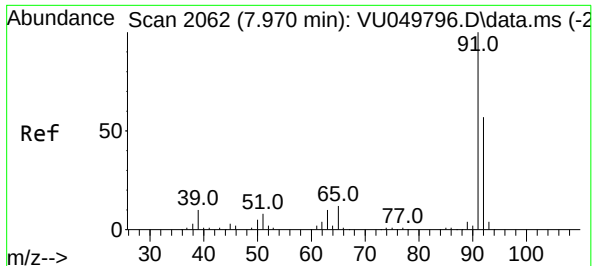
Ion Ratio Lower Upper

43 100

58 38.6 31.4 47.0

100 13.0 10.3 15.5





#42

Toluene

Concen: 54.536 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

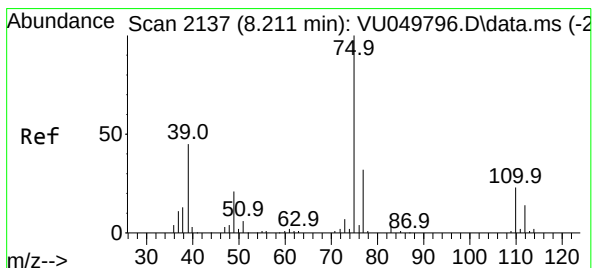
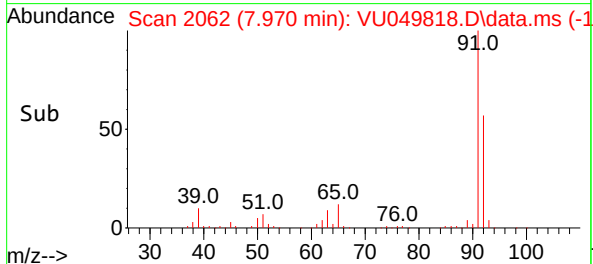
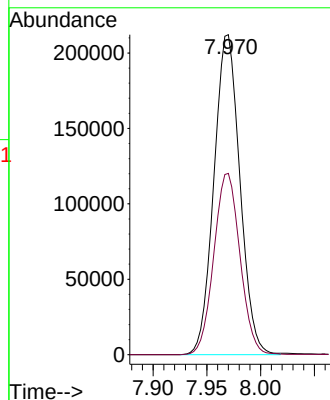
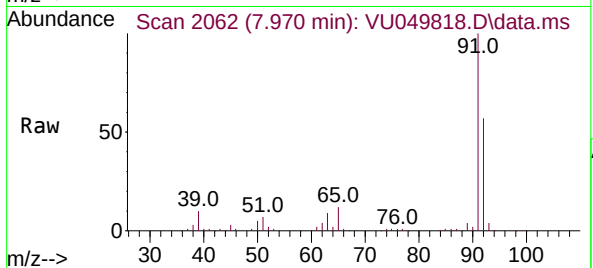
VSTD050173

Tgt Ion: 91 Resp: 356842

Ion Ratio Lower Upper

91 100

92 56.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 57.655 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU049818.D

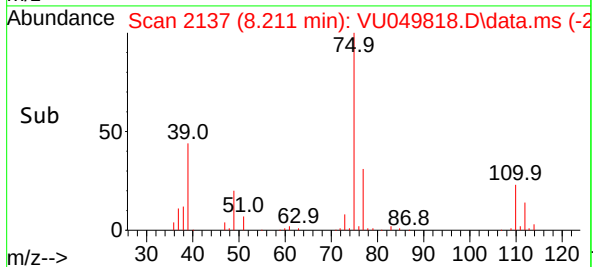
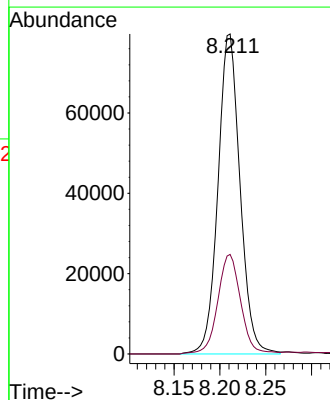
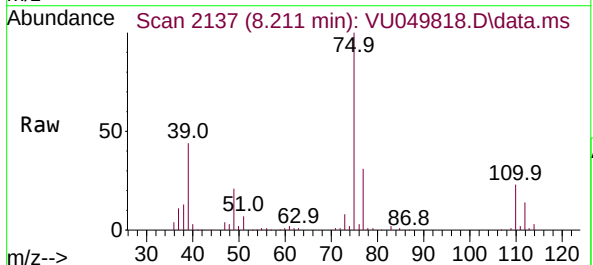
Acq: 21 Jul 2022 09:25

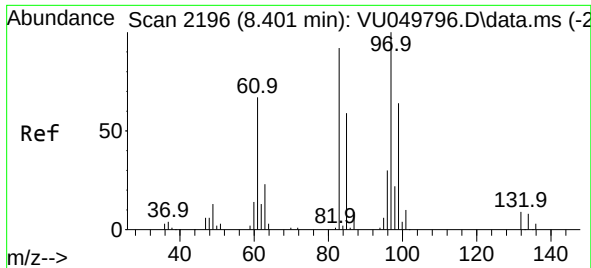
Tgt Ion: 75 Resp: 133231

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9

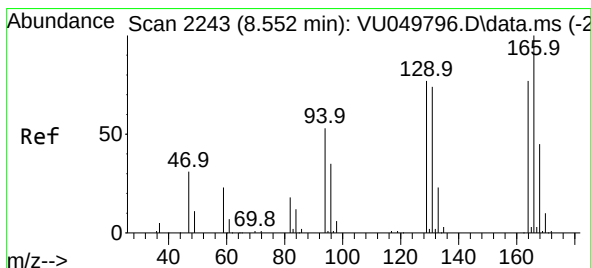
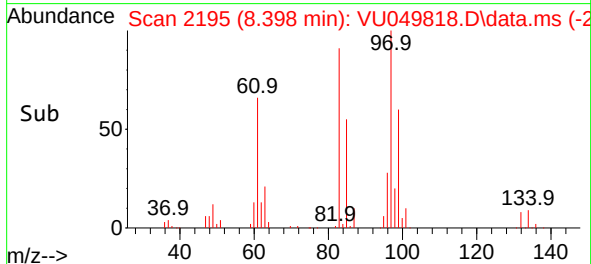
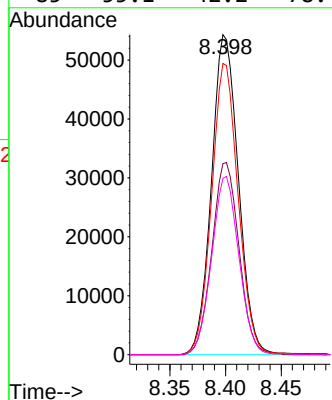
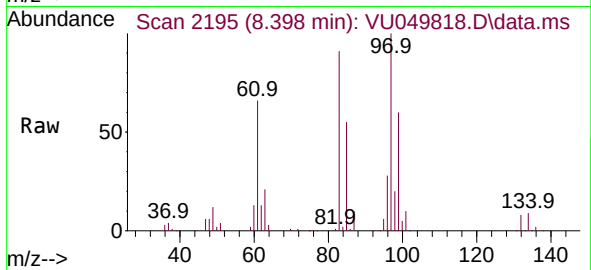




#45
1,1,2-Trichloroethane
Concen: 57.369 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

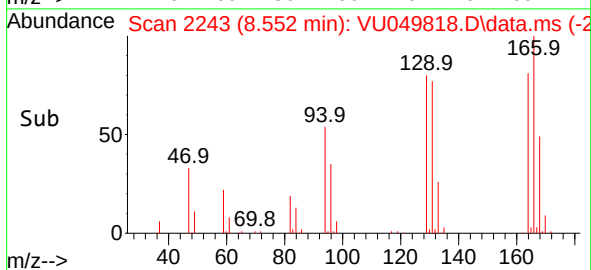
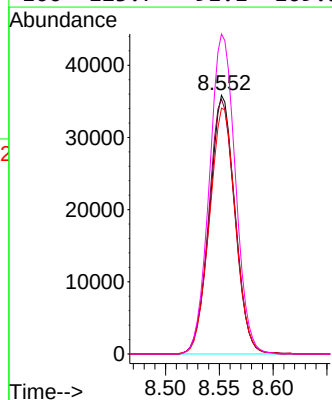
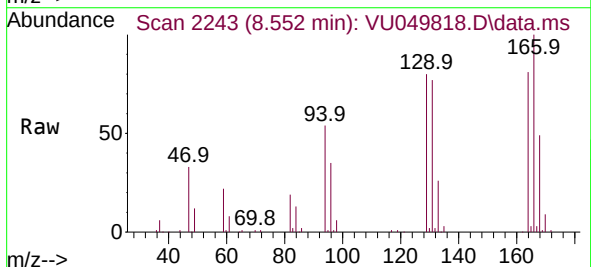
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

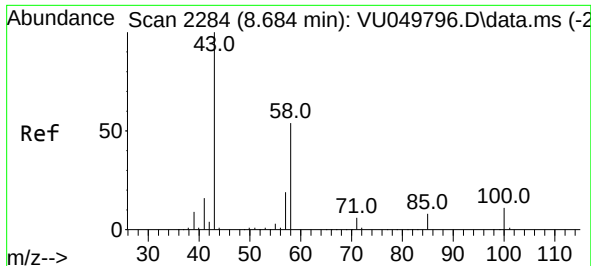
Tgt Ion: 97	Resp: 91378
Ion Ratio	Lower Upper
97 100	
99 59.7	44.3 82.3
83 91.0	64.0 118.8
85 55.1	42.2 78.4



#46
Tetrachloroethene
Concen: 53.697 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt	Ion:164	Resp:	59269
Ion	Ratio	Lower	Upper
164	100		
129	98.5	72.0	133.8
131	95.0	69.0	128.1
166	123.7	91.1	169.3

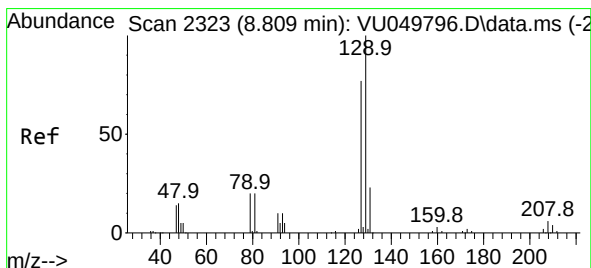
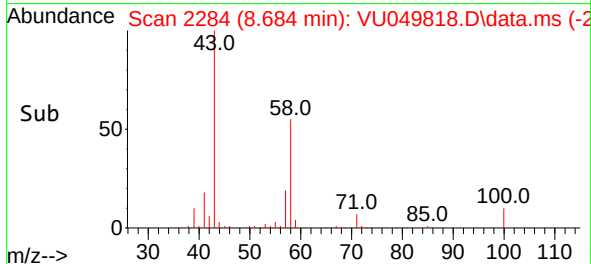
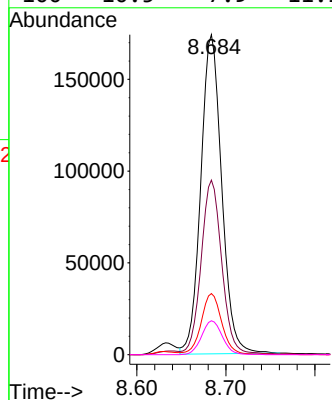
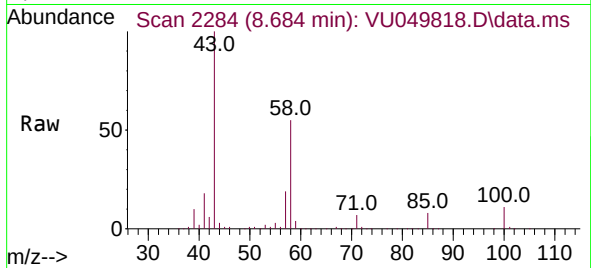




#48
2-Hexanone
Concen: 120.117 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

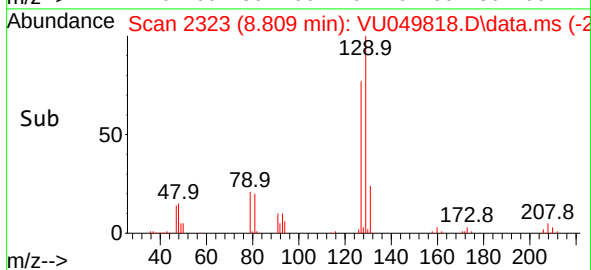
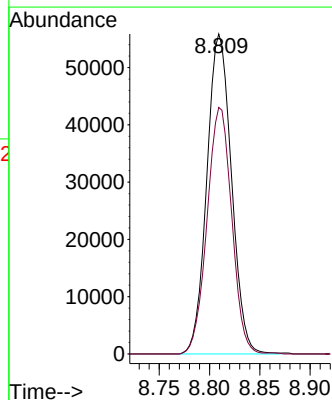
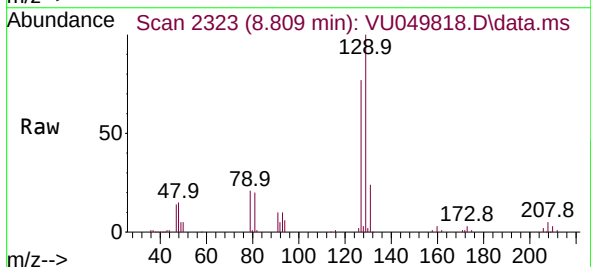
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

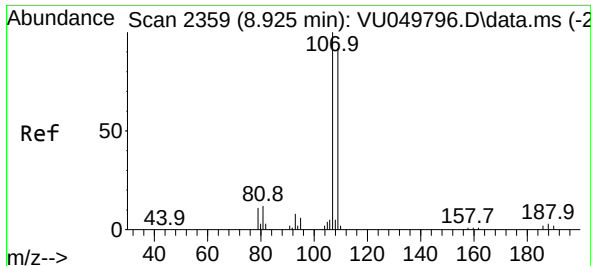
Tgt Ion:	43	Resp:	283565
Ion	Ratio	Lower	Upper
43	100		
58	53.2	42.6	64.0
57	18.5	15.0	22.6
100	10.5	7.9	11.9



#49
Dibromochloromethane
Concen: 59.382 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion:	129	Resp:	95132
Ion	Ratio	Lower	Upper
129	100		
127	77.0	56.9	105.7

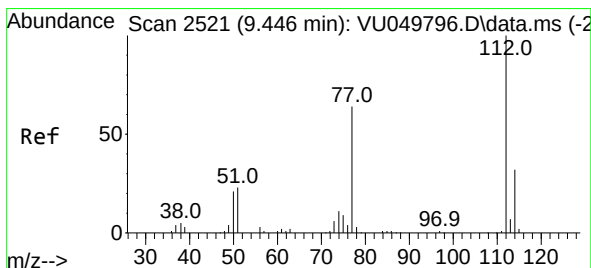
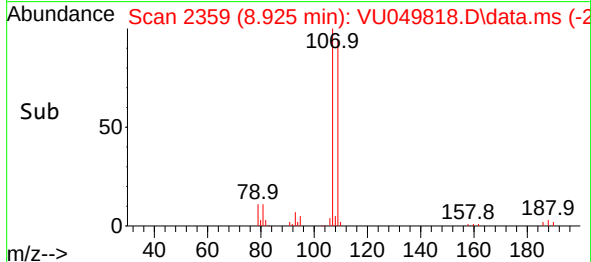
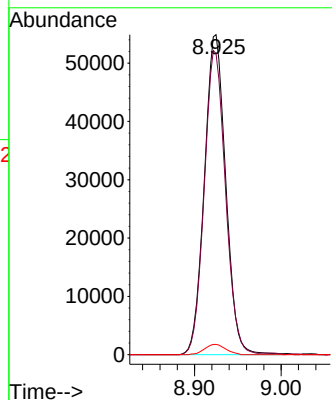
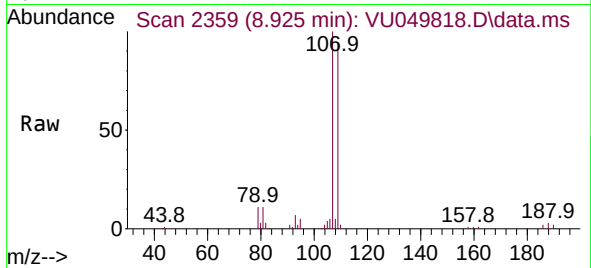




#50
1,2-Dibromoethane
Concen: 59.534 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

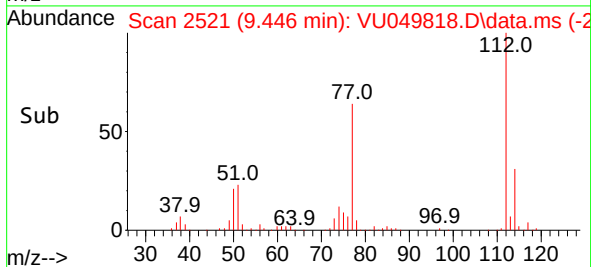
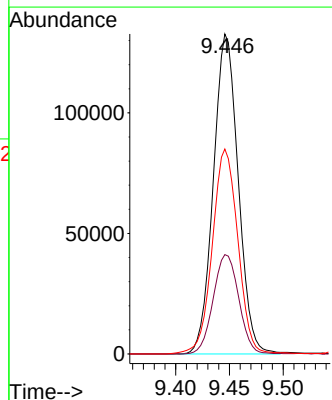
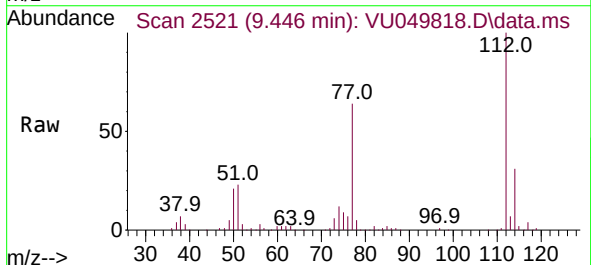
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

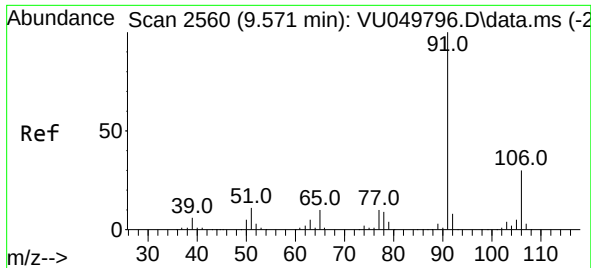
Tgt Ion:107 Resp: 94196
Ion Ratio Lower Upper
107 100
109 94.1 65.7 121.9
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 53.891 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion:112 Resp: 213543
Ion Ratio Lower Upper
112 100
114 31.0 22.1 41.1
77 64.0 51.2 76.8

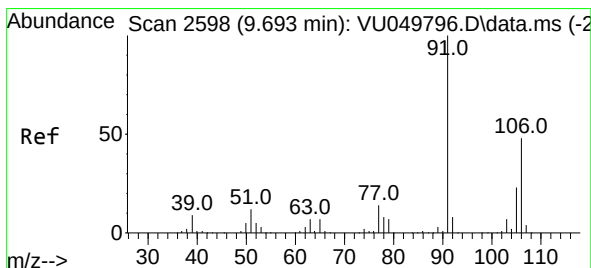
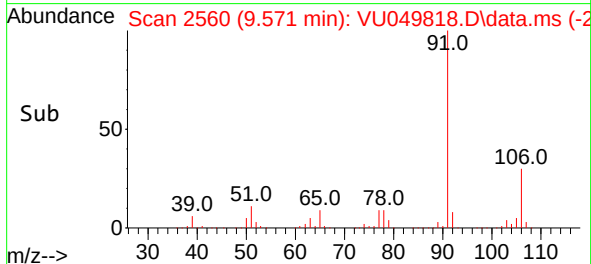
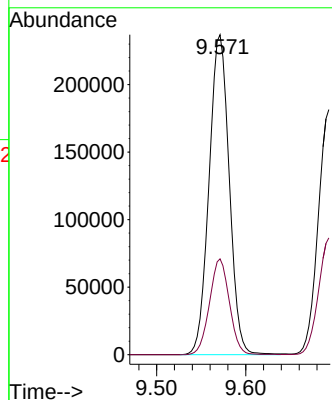
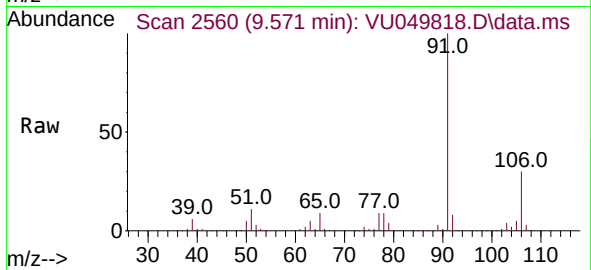




#52
Ethylbenzene
Concen: 53.822 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

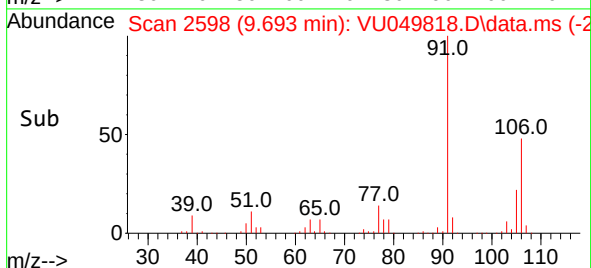
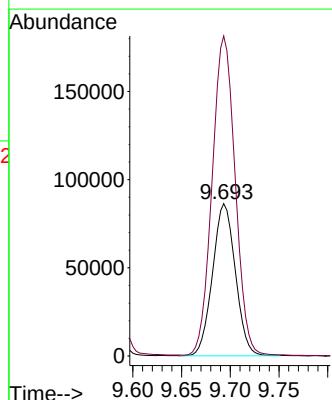
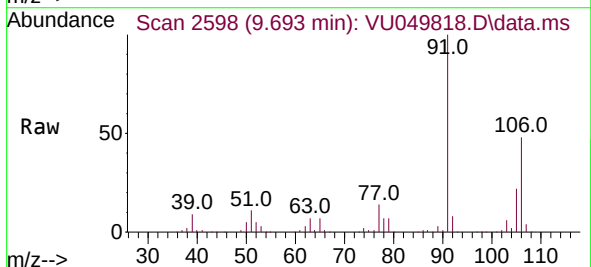
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

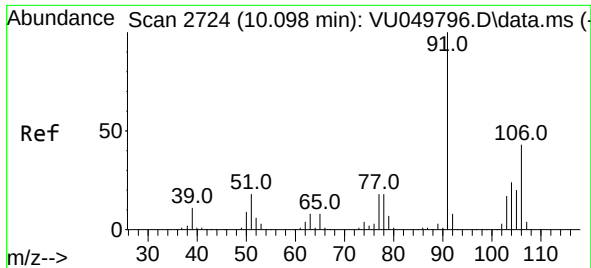
Tgt Ion: 91 Resp: 371630
Ion Ratio Lower Upper
91 100
106 30.0 21.0 39.0



#53
m,p-Xylene
Concen: 55.892 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion: 106 Resp: 140331
Ion Ratio Lower Upper
106 100
91 210.0 151.7 281.7

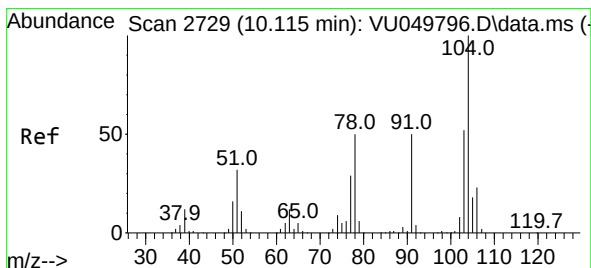
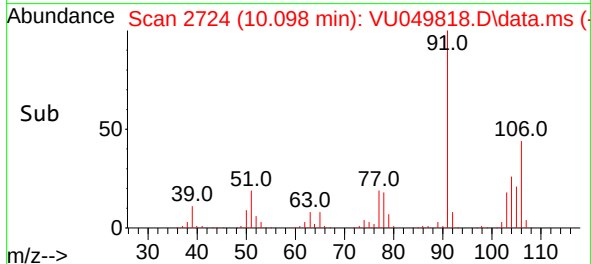
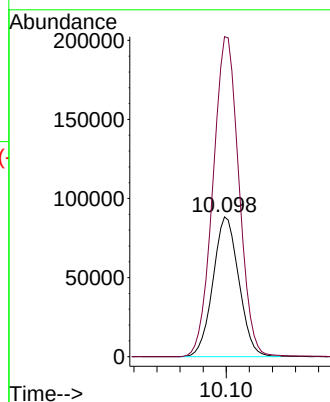
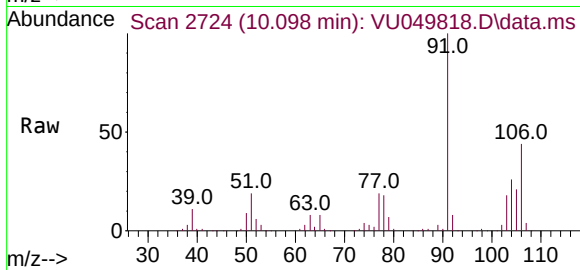




#54
o-Xylene
Concen: 54.407 ug/L
RT: 10.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

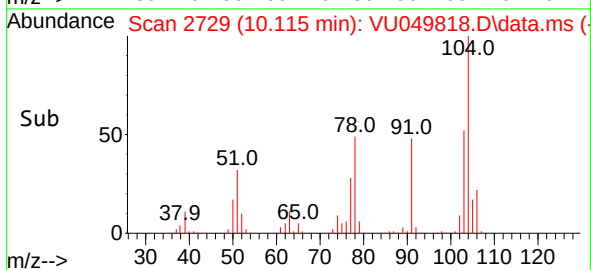
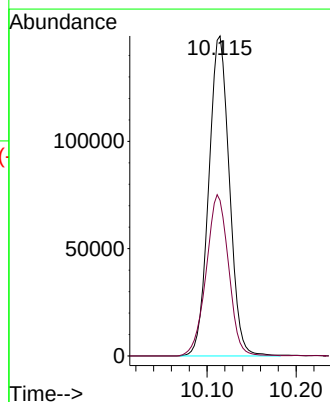
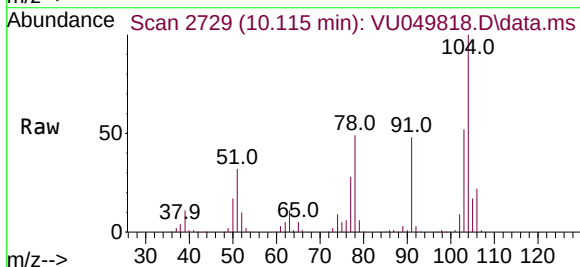
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

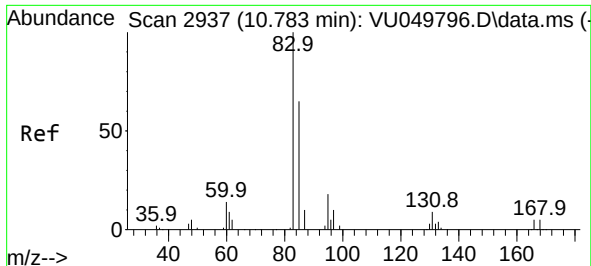
Tgt Ion:106 Resp: 137546
Ion Ratio Lower Upper
106 100
91 228.7 156.9 291.5



#55
Styrene
Concen: 57.424 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion:104 Resp: 239580
Ion Ratio Lower Upper
104 100
78 48.6 36.1 67.1





#57

1,1,2,2-Tetrachloroethane

Concen: 57.311 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD050173

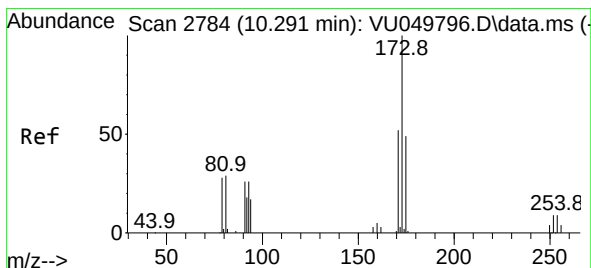
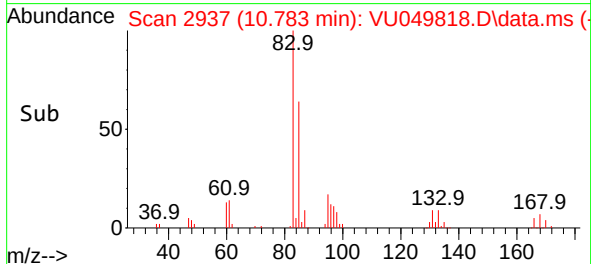
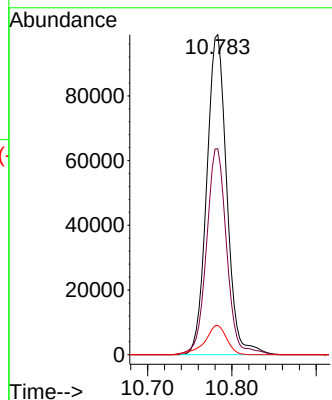
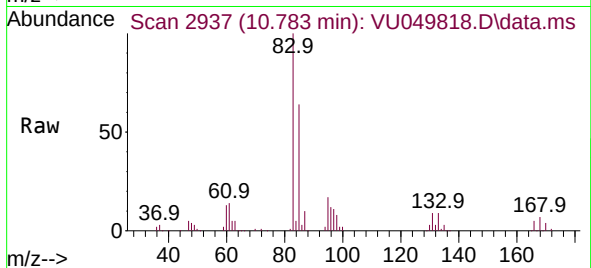
Tgt Ion: 83 Resp: 163407

Ion Ratio Lower Upper

83 100

85 64.3 45.0 83.6

131 9.2 7.0 10.6



#59

Bromoform

Concen: 58.954 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

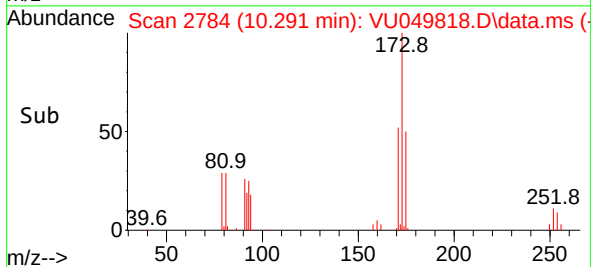
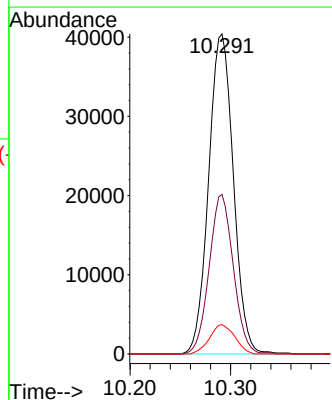
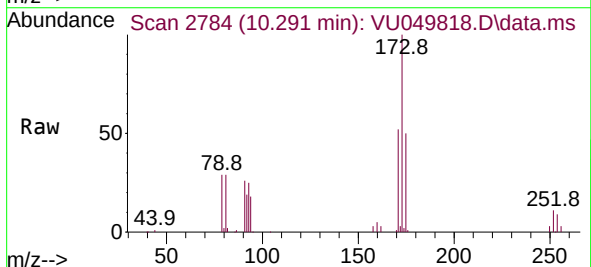
Tgt Ion:173 Resp: 69058

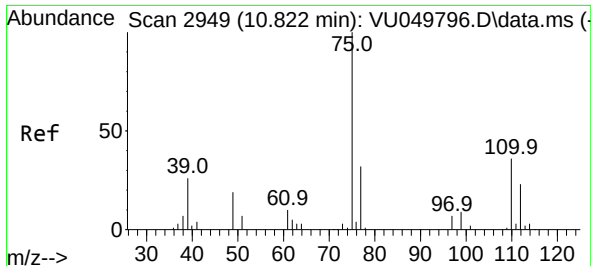
Ion Ratio Lower Upper

173 100

175 48.4 38.6 58.0

254 9.3 7.4 11.0

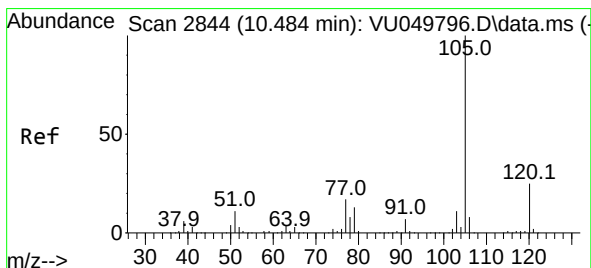
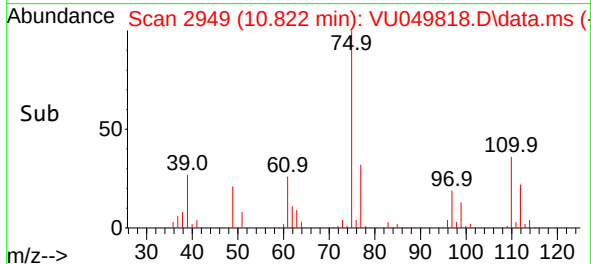
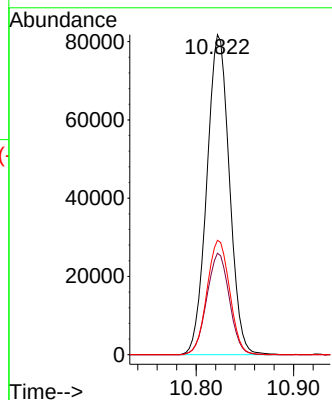
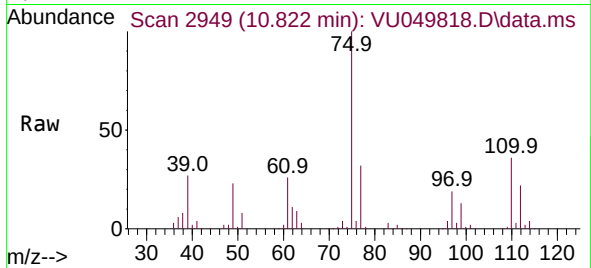




#60
 1,2,3-Trichloropropane
 Concen: 56.481 ug/L
 RT: 10.822 min Scan# 2949
 Delta R.T. 0.000 min
 Lab File: VU049818.D
 Acq: 21 Jul 2022 09:25

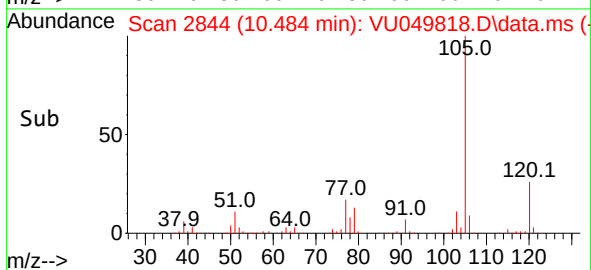
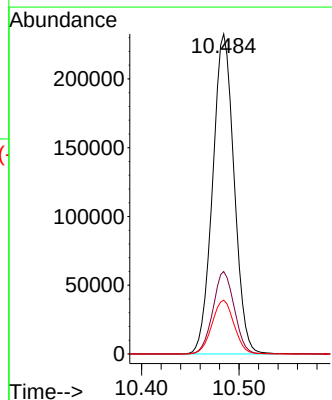
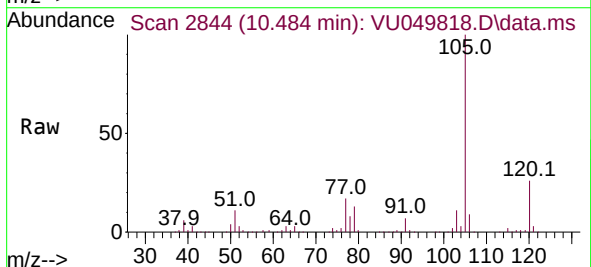
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

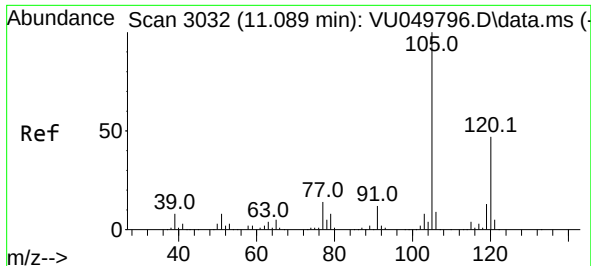
Tgt Ion:	75	Resp:	131390
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3
110	36.0	28.9	43.3



#61
 Isopropylbenzene
 Concen: 54.542 ug/L
 RT: 10.484 min Scan# 2844
 Delta R.T. 0.000 min
 Lab File: VU049818.D
 Acq: 21 Jul 2022 09:25

Tgt Ion:	105	Resp:	355686
Ion	Ratio	Lower	Upper
105	100		
120	25.7	19.9	29.9
77	17.3	13.8	20.8





#62

1,3,5-Trimethylbenzene

Concen: 55.501 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

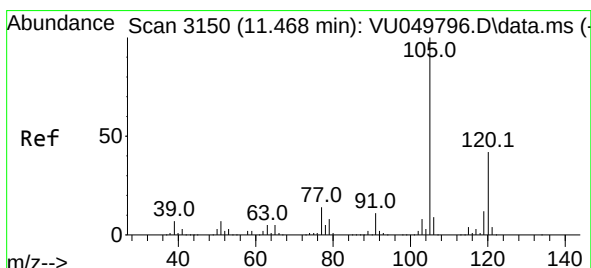
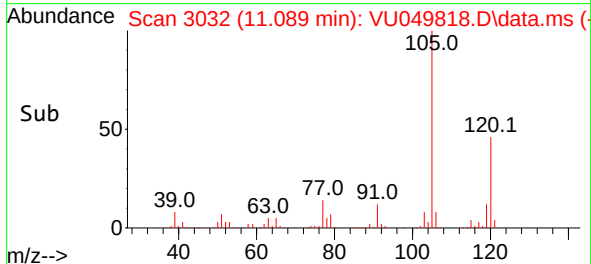
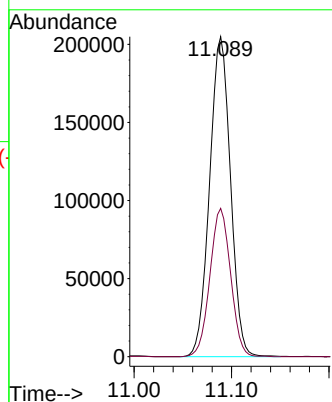
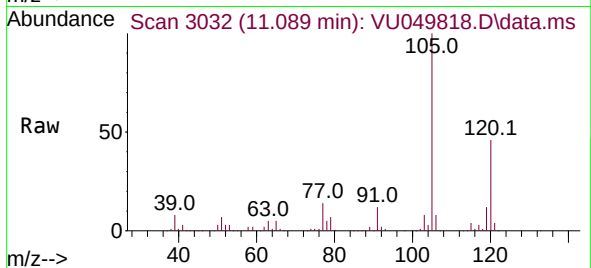
VSTD050173

Tgt Ion:105 Resp: 305297

Ion Ratio Lower Upper

105 100

120 45.9 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 54.632 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU049818.D

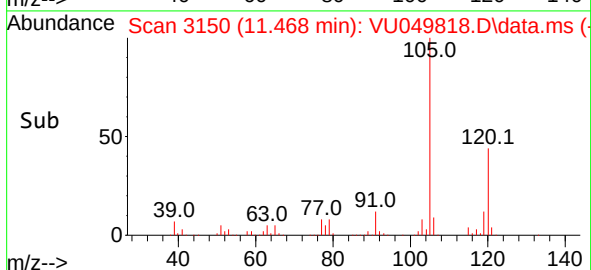
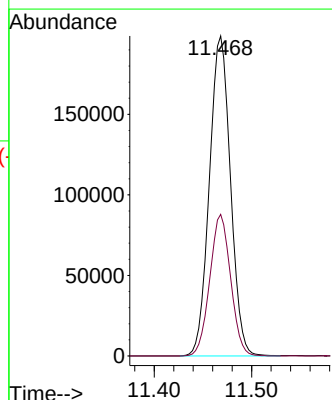
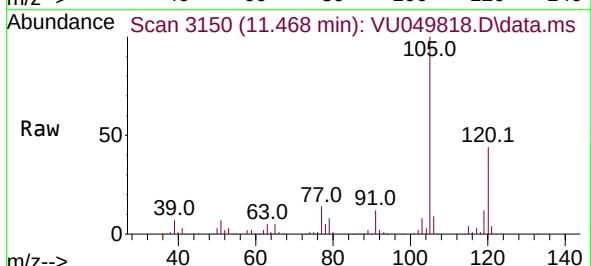
Acq: 21 Jul 2022 09:25

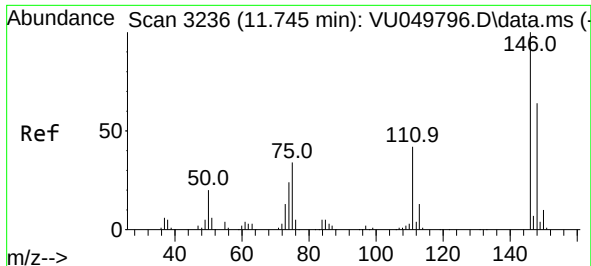
Tgt Ion:105 Resp: 298551

Ion Ratio Lower Upper

105 100

120 43.6 33.9 50.9

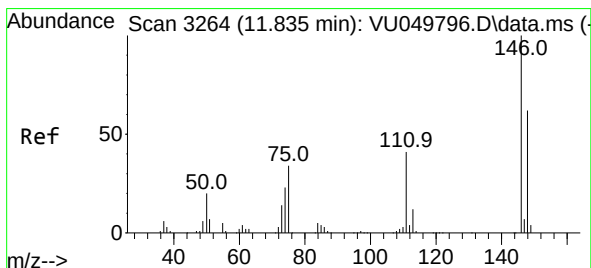
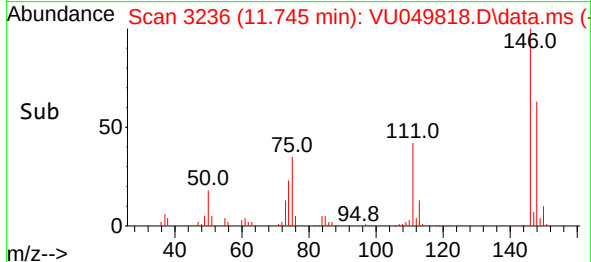
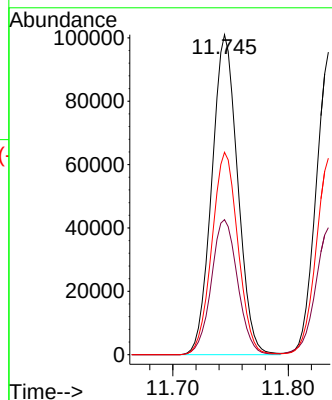
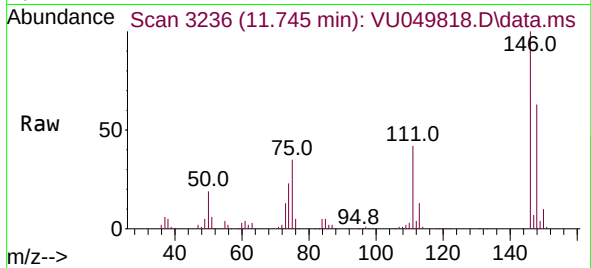




#64
1,3-Dichlorobenzene
Concen: 55.206 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

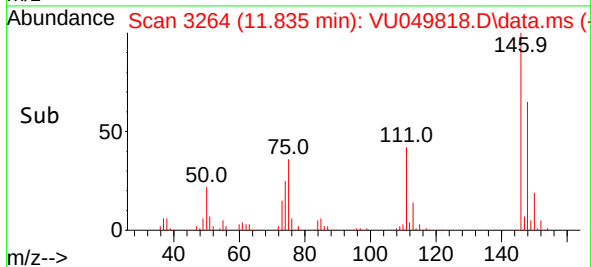
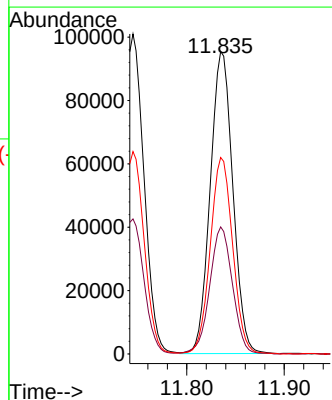
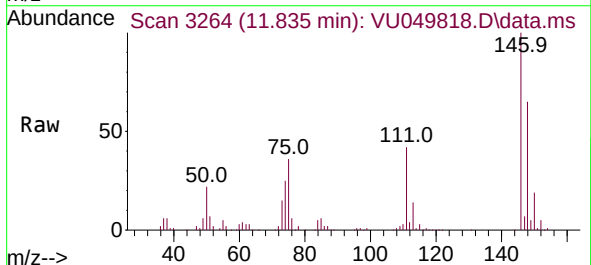
Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

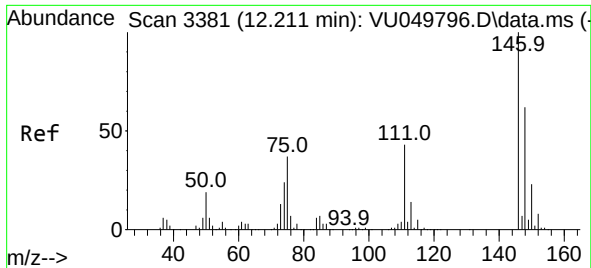
Tgt Ion:146 Resp: 157160
Ion Ratio Lower Upper
146 100
111 42.2 30.0 55.6
148 63.2 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 53.813 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion:146 Resp: 153885
Ion Ratio Lower Upper
146 100
111 42.0 29.1 54.1
148 64.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 55.920 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

Instrument :

MSVOA_U

ClientSampleId :

VSTD050173

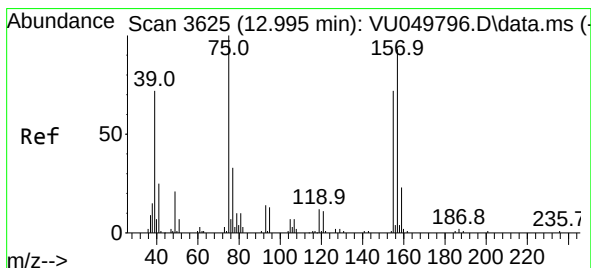
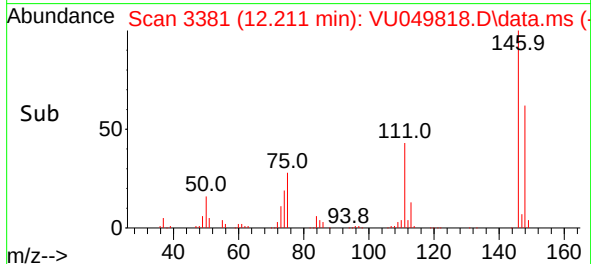
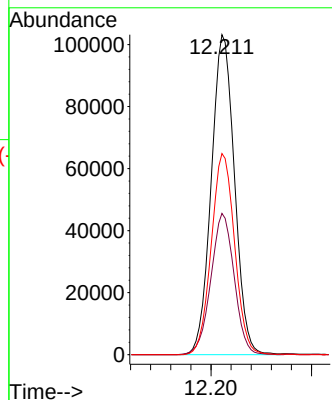
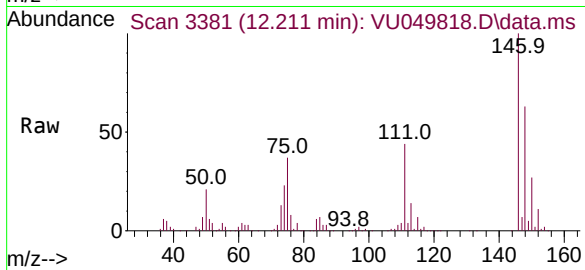
Tgt Ion:146 Resp: 165533

Ion Ratio Lower Upper

146 100

111 44.1 35.8 53.8

148 62.9 52.7 79.1



#68

1,2-Dibromo-3-chloropropane

Concen: 59.487 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU049818.D

Acq: 21 Jul 2022 09:25

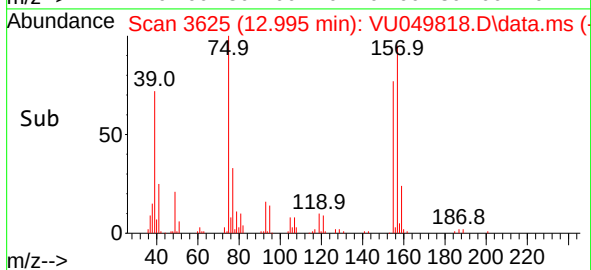
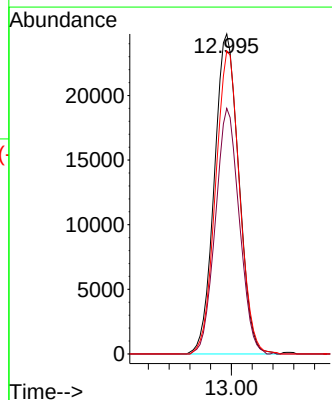
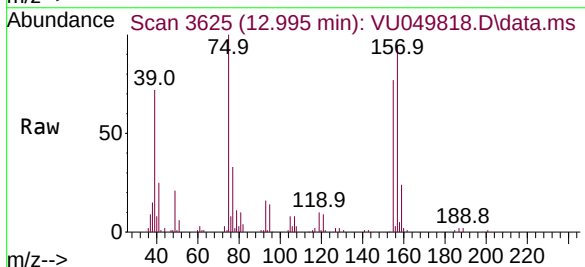
Tgt Ion: 75 Resp: 40548

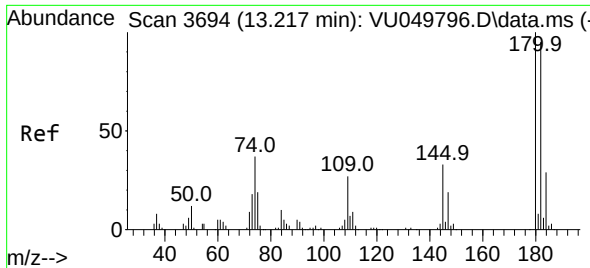
Ion Ratio Lower Upper

75 100

155 76.7 57.7 86.5

157 94.7 75.6 113.4

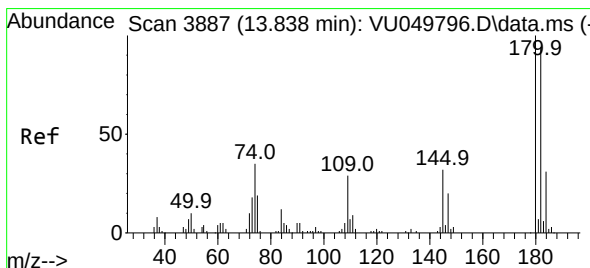
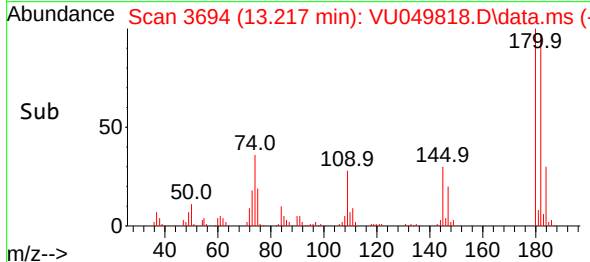
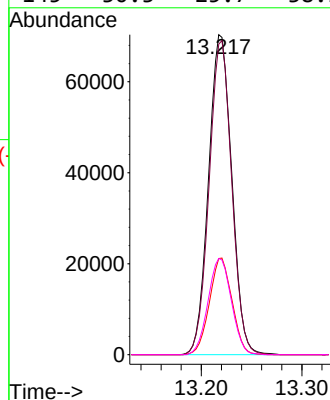
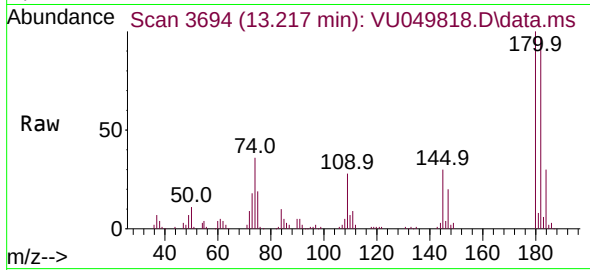




#69
 1,3,5-Trichlorobenzene
 Concen: 56.453 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU049818.D
 Acq: 21 Jul 2022 09:25

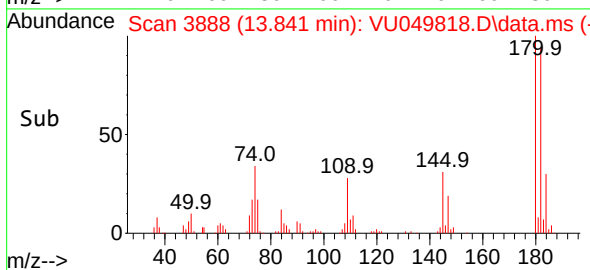
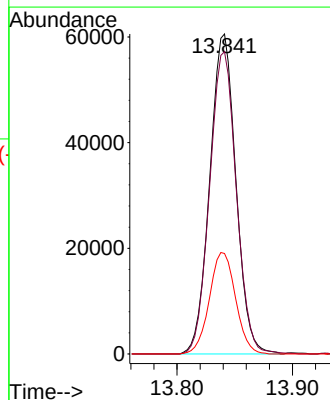
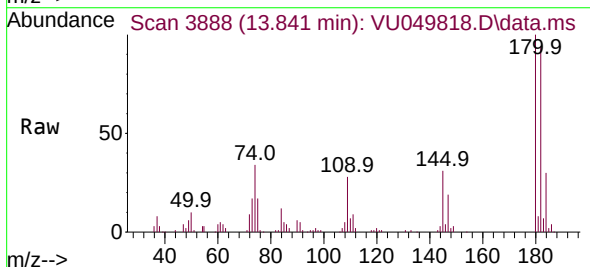
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050173

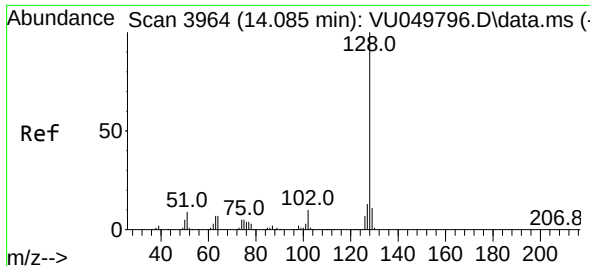
Tgt Ion:180	Resp:	112613
Ion Ratio	Lower	Upper
180	100	
182	95.7	76.0 114.0
184	29.4	24.0 36.0
145	30.3	25.7 38.5



#70
 1,2,4-trichlorobenzene
 Concen: 52.000 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU049818.D
 Acq: 21 Jul 2022 09:25

Tgt Ion:180	Resp:	95191
Ion Ratio	Lower	Upper
180	100	
182	96.3	74.8 112.2
145	31.8	24.7 37.1

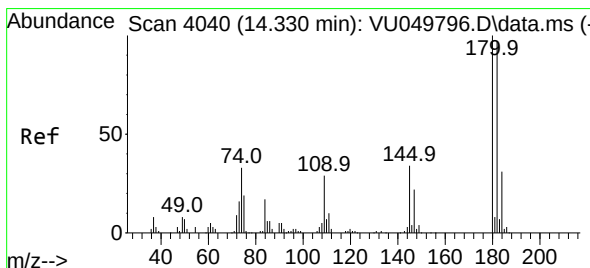
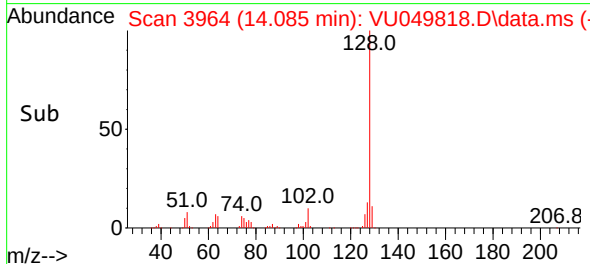
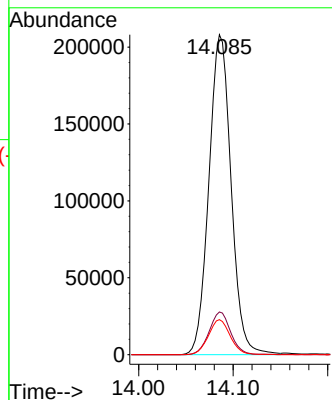
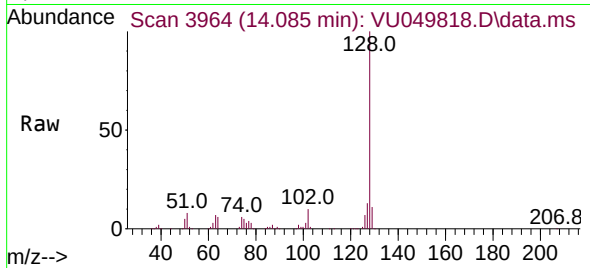




#71
Naphthalene
Concen: 51.861 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Instrument :
MSVOA_U
ClientSampleId :
VSTD050173

Tgt Ion:128 Resp: 339385
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 54.772 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049818.D
Acq: 21 Jul 2022 09:25

Tgt Ion:180 Resp: 103861
Ion Ratio Lower Upper
180 100
182 96.5 76.6 115.0
145 33.0 27.1 40.7

