

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050001.D
 Acq On : 28 Jul 2022 21:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: Jul 29 02:40:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	97603	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	95658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38343	4.575	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.912	69	30843	5.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.562	65	15019	5.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	4.655	46	107364	57.553	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.100%
24) Chloroform-d	5.063	84	72052	5.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.706	65	36410	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.726	84	142604	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.690	67	47026	5.078	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.896	98	129427	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.182	79	16174	4.983	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.642	63	65627	54.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42030	5.402	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	43302	5.048	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	34824	4.623	ug/L	100
3) Chloromethane	1.520	50	43819	4.909	ug/L	96
5) Vinyl chloride	1.600	62	41642	4.964	ug/L	98
6) Bromomethane	1.858	94	23616	5.086	ug/L	98
8) Chloroethane	1.932	64	26291	5.527	ug/L	97
9) Trichlorofluoromethane	2.134	101	48699	4.928	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	26586	4.570	ug/L	98
12) 1,1-Dichloroethene	2.575	96	27246	5.058	ug/L	89
13) Acetone	2.645	43	49840	38.011	ug/L	95
14) Carbon disulfide	2.787	76	74115	4.529	ug/L	99
15) Methyl Acetate	2.957	43	14884	5.471	ug/L	99
16) Methylene chloride	3.041	84	45786	5.528	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	89804	5.964	ug/L	99
18) trans-1,2-Dichloroethene	3.343	96	30213	5.103	ug/L	95
19) 1,1-Dichloroethane	3.864	63	64134	5.280	ug/L	95
21) 2-Butanone	4.732	43	103987	55.062	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	37185	5.254	ug/L	99
23) Bromochloromethane	4.973	128	17236	5.318	ug/L	94
25) Chloroform	5.089	83	67445	4.955	ug/L	97

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 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: Jul 29 02:40:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

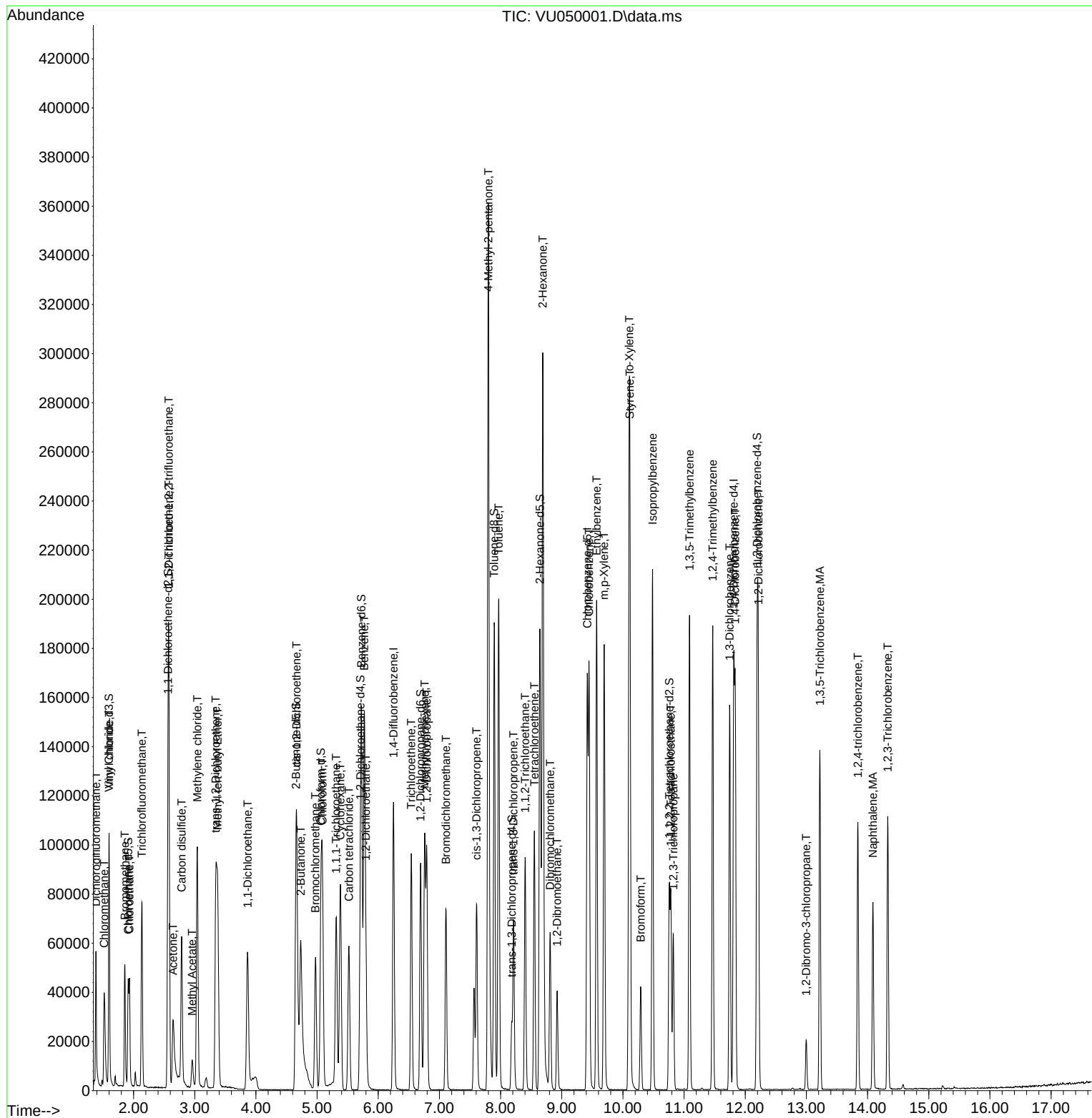
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	39769	5.235	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	52438	5.162	ug/L	99
30) Cyclohexane	5.382	56	39005	4.549	ug/L	99
31) Carbon tetrachloride	5.520	117	41012	4.970	ug/L	99
33) Benzene	5.771	78	143945	5.156	ug/L	100
34) Trichloroethene	6.539	95	33801	4.981	ug/L	100
35) Methylcyclohexane	6.761	83	38471	4.298	ug/L	99
37) 1,2-Dichloropropane	6.793	63	40593	5.276	ug/L	99
38) Bromodichloromethane	7.105	83	49567	5.324	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	46713	4.692	ug/L	98
40) 4-Methyl-2-pentanone	7.799	43	240462	54.088	ug/L	99
42) Toluene	7.970	91	149870	5.279	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	40647	4.861	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	30504	5.306	ug/L	99
47) Tetrachloroethene	8.552	164	23596	4.831	ug/L	95
48) 2-Hexanone	8.690	43	190392	56.180	ug/L	97
49) Dibromochloromethane	8.812	129	33033	5.251	ug/L	99
50) 1,2-Dibromoethane	8.925	107	27795	5.445	ug/L	95
51) Chlorobenzene	9.446	112	93046	5.163	ug/L	99
52) Ethylbenzene	9.571	91	139219	5.006	ug/L	100
53) m,p-Xylene	9.693	106	53612	5.063	ug/L	98
54) o-Xylene	10.102	106	54230	5.282	ug/L	96
55) Styrene	10.115	104	93422	5.342	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	40202	5.372	ug/L	99
59) Bromoform	10.291	173	19183	5.160	ug/L	99
60) Isopropylbenzene	10.484	105	131463	4.811	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28206	5.251	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	104661	4.715	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	103360	4.805	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	64827	4.955	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	63902	4.936	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	65522	5.041	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	5562	5.242	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.220	180	44299	4.696	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	34114	4.534	ug/L	99
71) Naphthalene	14.089	128	63565	4.261	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	34846	4.666	ug/L	99

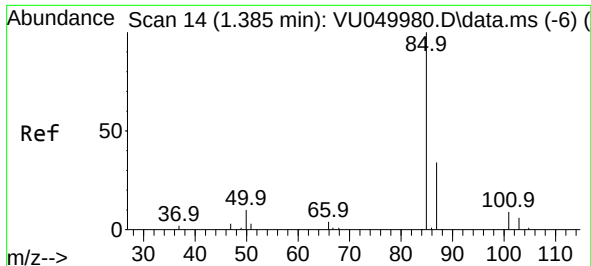
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 Data File : VU050001.D
 Acq On : 28 Jul 2022 21:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

Quant Time: Jul 29 02:40:36 2022
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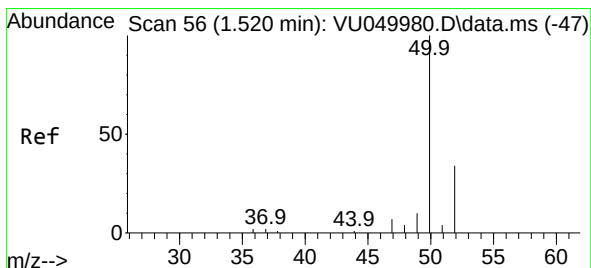
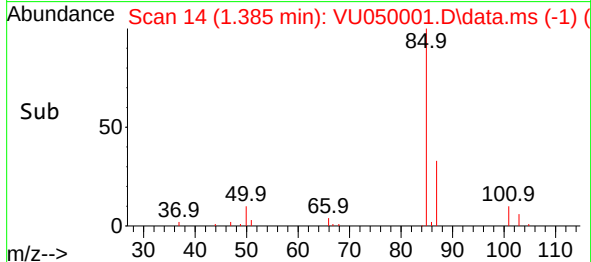
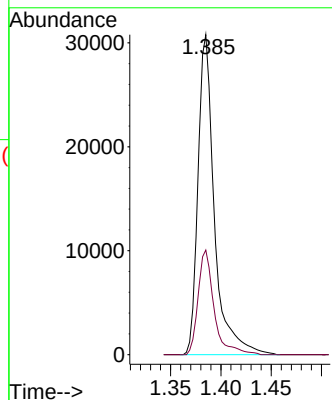
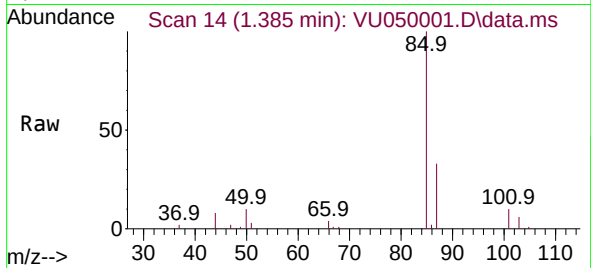




#2
Dichlorodifluoromethane
Concen: 4.623 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

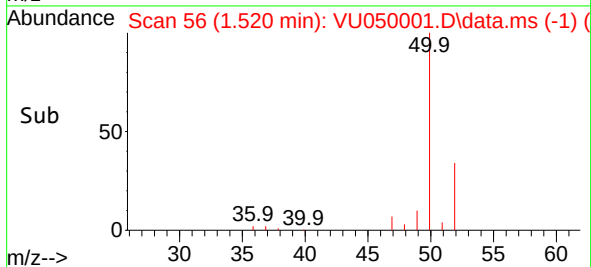
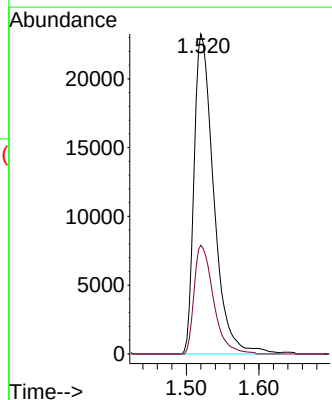
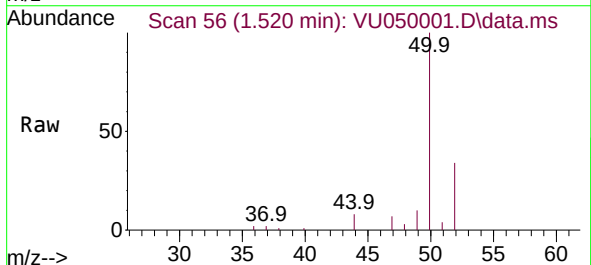
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

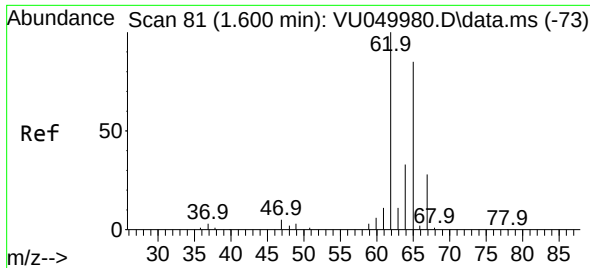
Tgt Ion: 85 Resp: 34824
Ion Ratio Lower Upper
85 100
87 32.0 25.7 38.5



#3
Chloromethane
Concen: 4.909 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion: 50 Resp: 43819
Ion Ratio Lower Upper
50 100
52 34.0 22.4 41.6

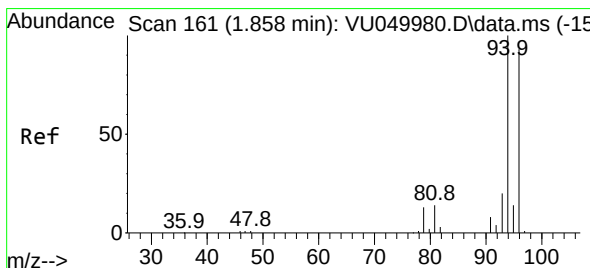
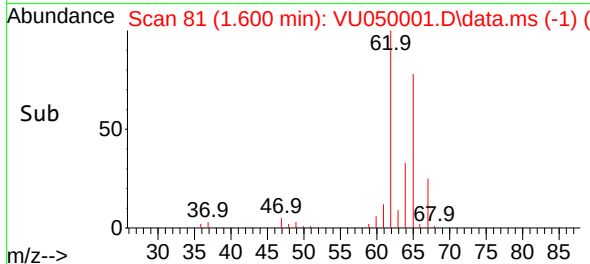
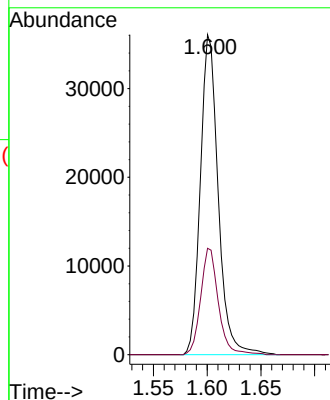
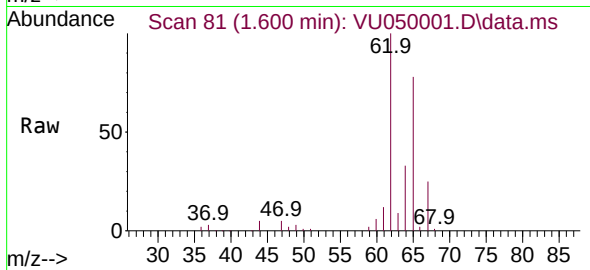




#5
 Vinyl chloride
 Concen: 4.964 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050001.D
 Acq: 28 Jul 2022 21:43

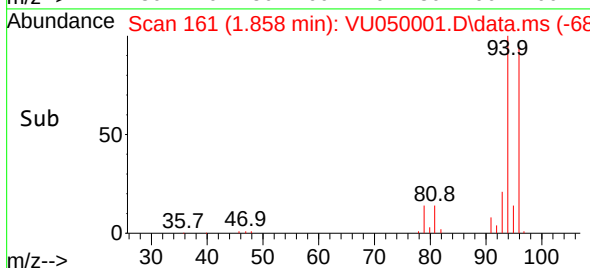
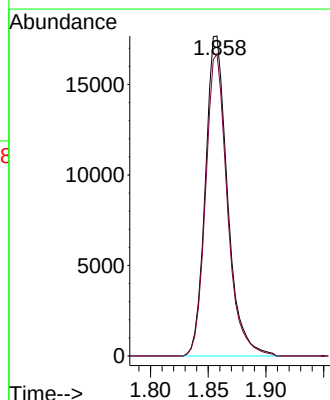
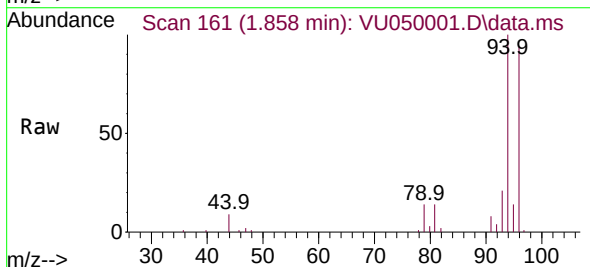
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 ClientSampleId :
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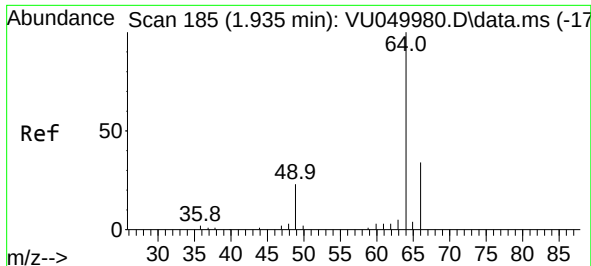
Tgt Ion: 62 Resp: 41642
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.5 41.9



#6
 Bromomethane
 Concen: 5.086 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU050001.D
 Acq: 28 Jul 2022 21:43

Tgt Ion: 94 Resp: 23616
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.5 119.9

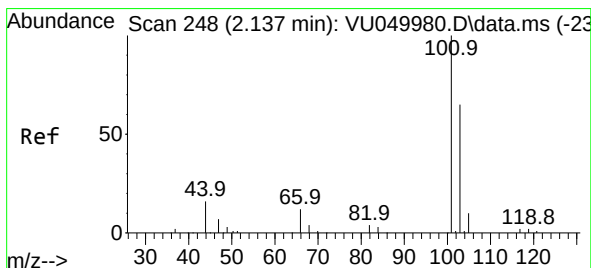
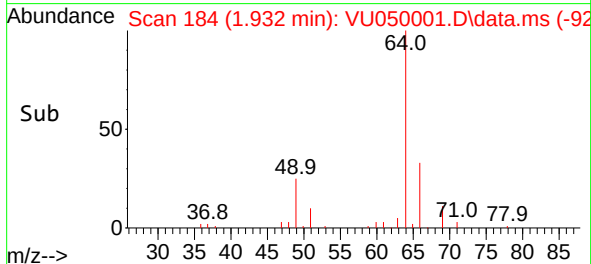
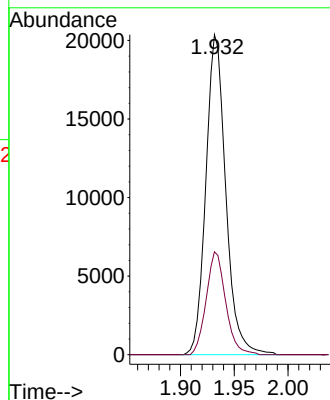
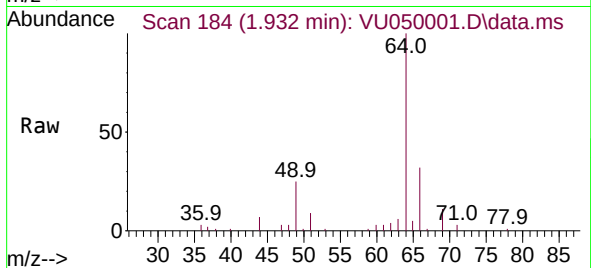




#8
Chloroethane
Concen: 5.527 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

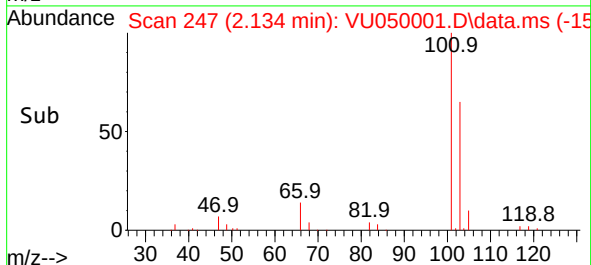
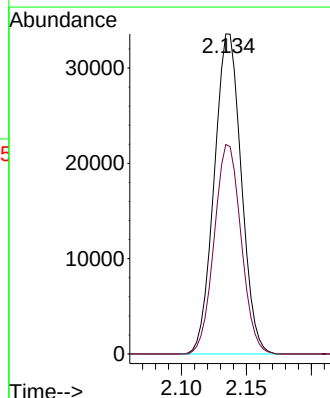
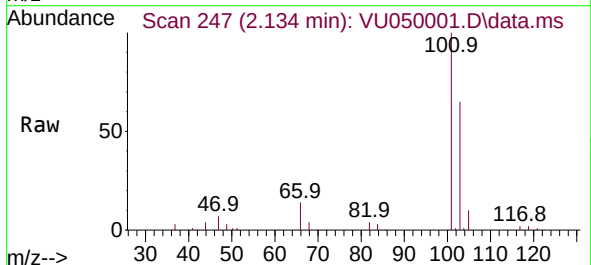
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

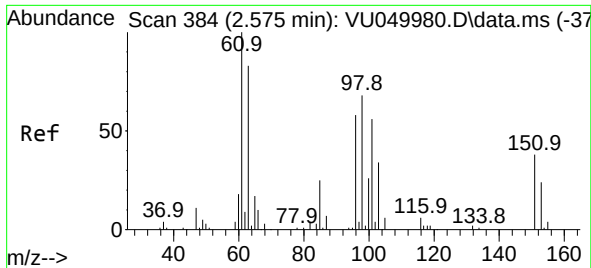
Tgt Ion: 64 Resp: 26291
Ion Ratio Lower Upper
64 100
66 32.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.928 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion:101 Resp: 48699
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.6

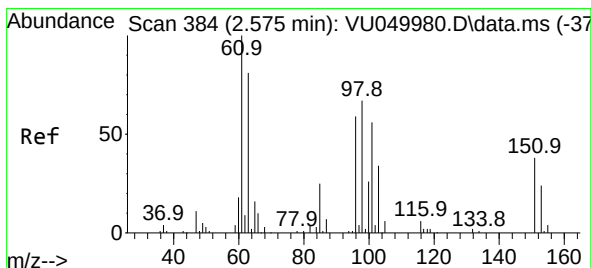
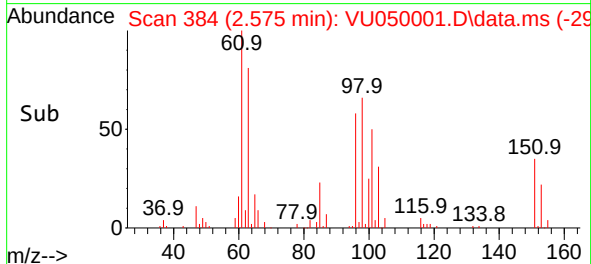
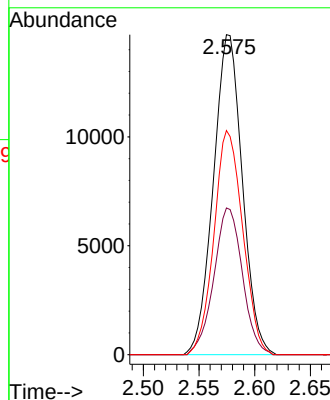
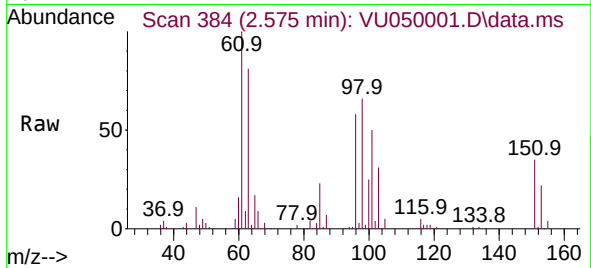




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.570 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050001.D
 Acq: 28 Jul 2022 21:43

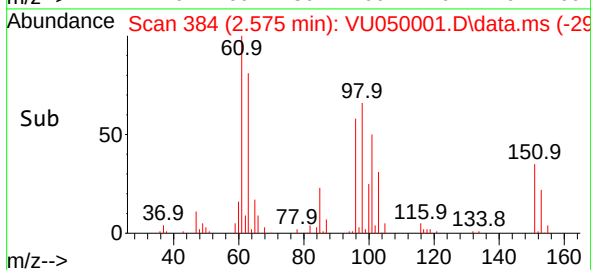
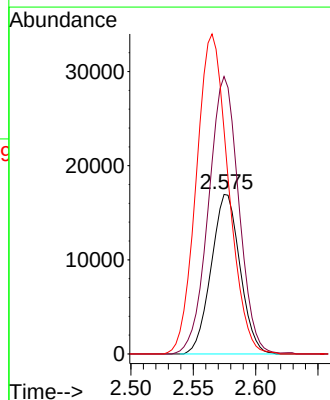
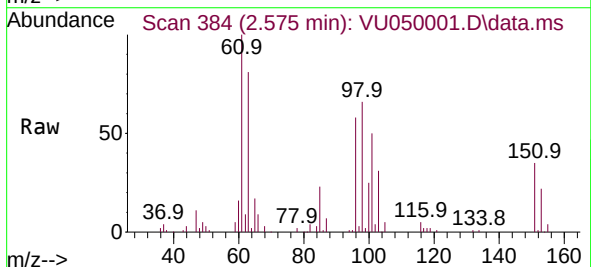
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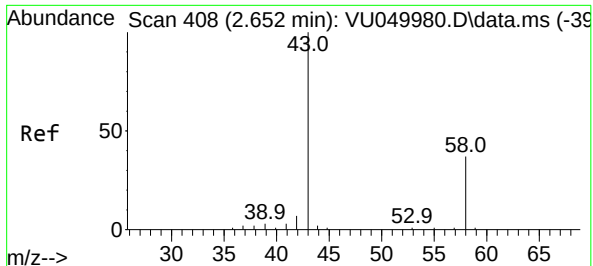
Tgt Ion:101 Resp: 26586
 Ion Ratio Lower Upper
 101 100
 85 45.2 34.1 51.1
 151 69.6 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 5.058 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050001.D
 Acq: 28 Jul 2022 21:43

Tgt Ion: 96 Resp: 27246
 Ion Ratio Lower Upper
 96 100
 61 173.9 115.7 214.9
 63 140.3 84.8 157.4





#13

Acetone

Concen: 38.011 ug/L

RT: 2.645 min Scan# 40

Delta R.T. -0.006 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

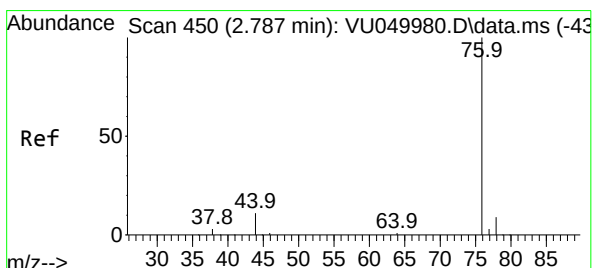
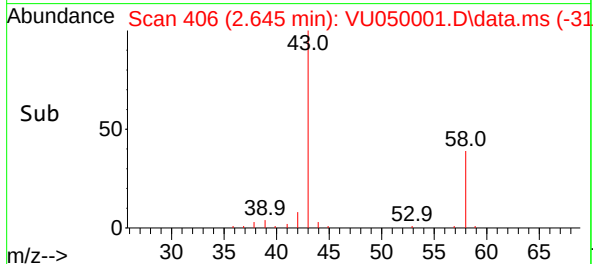
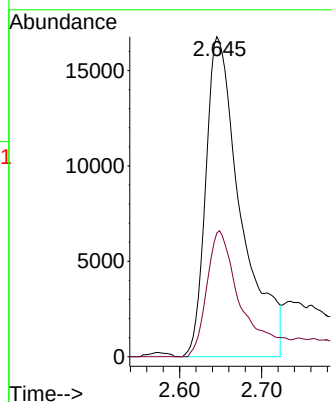
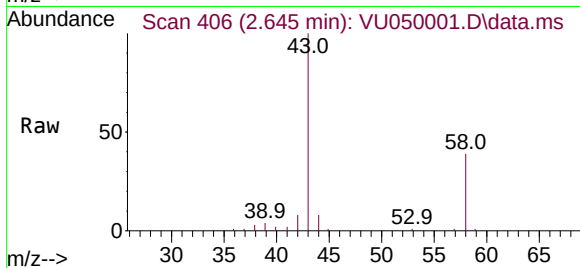
VSTD005138

Tgt Ion: 43 Resp: 49840

Ion Ratio Lower Upper

43 100

58 39.2 0.0 73.0



#14

Carbon disulfide

Concen: 4.529 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050001.D

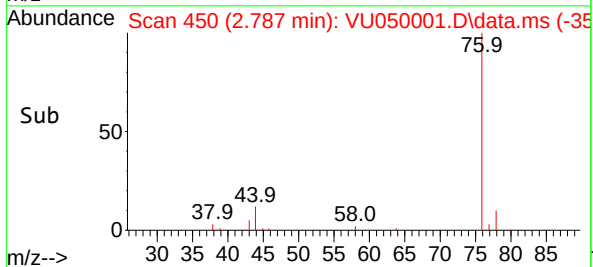
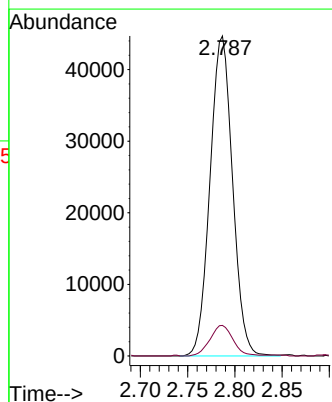
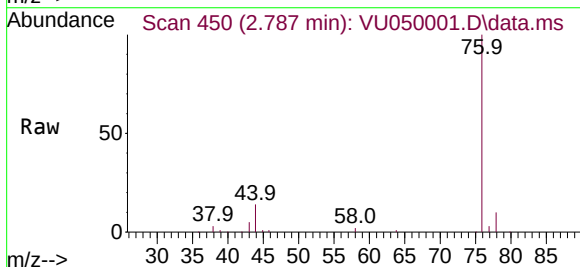
Acq: 28 Jul 2022 21:43

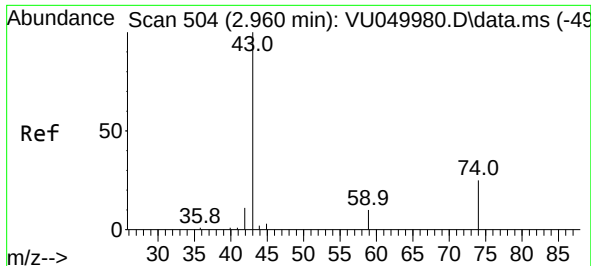
Tgt Ion: 76 Resp: 74115

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0

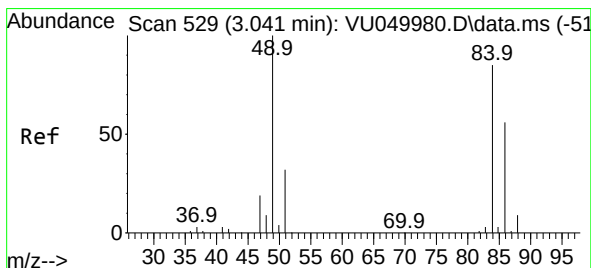
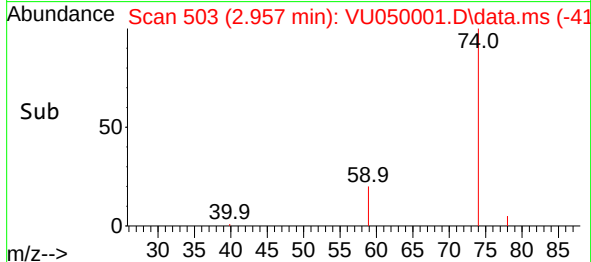
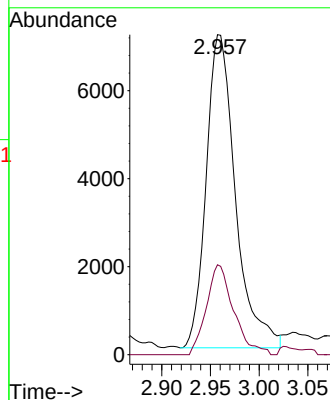
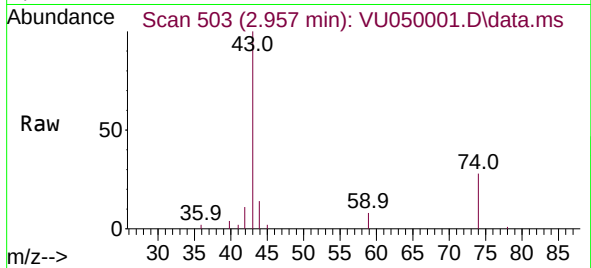




#15
Methyl Acetate
Concen: 5.471 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

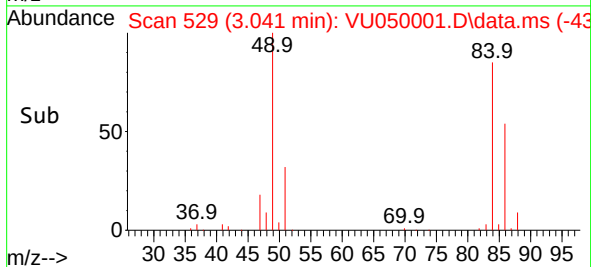
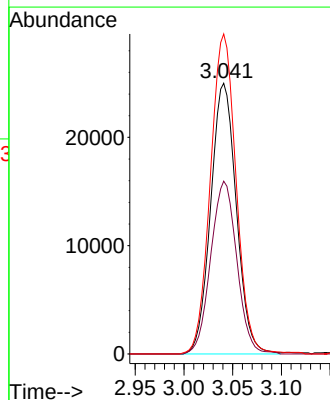
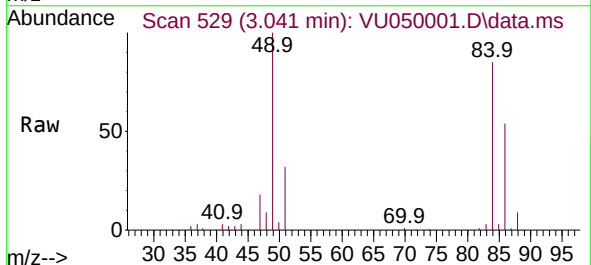
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

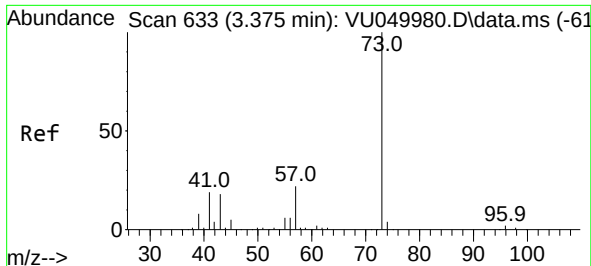
Tgt Ion: 43 Resp: 14884
Ion Ratio Lower Upper
43 100
74 26.6 21.6 32.4



#16
Methylene chloride
Concen: 5.528 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion: 84 Resp: 45786
Ion Ratio Lower Upper
84 100
86 63.8 45.2 84.0
49 118.2 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 5.964 ug/L

RT: 3.372 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD005138

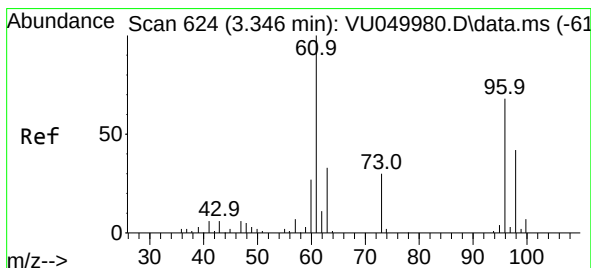
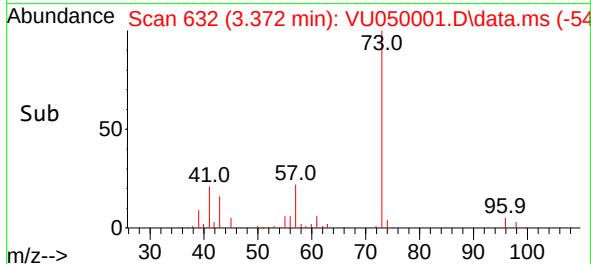
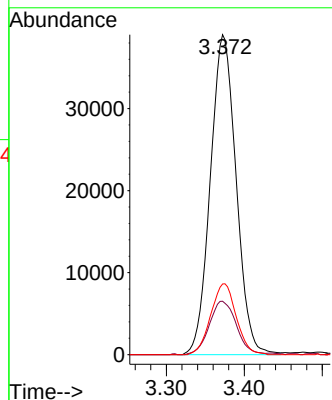
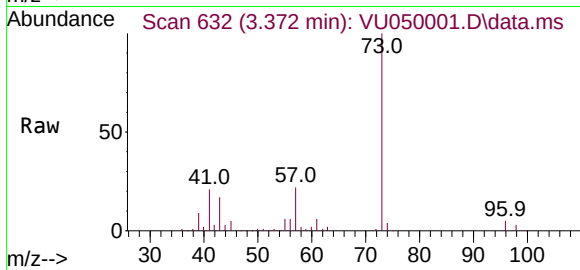
Tgt Ion: 73 Resp: 89804

Ion Ratio Lower Upper

73 100

43 17.6 13.8 20.6

57 21.9 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.103 ug/L

RT: 3.343 min Scan# 623

Delta R.T. -0.003 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

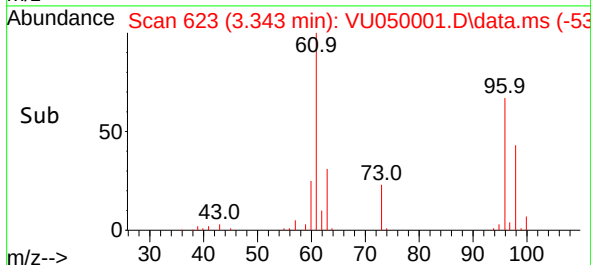
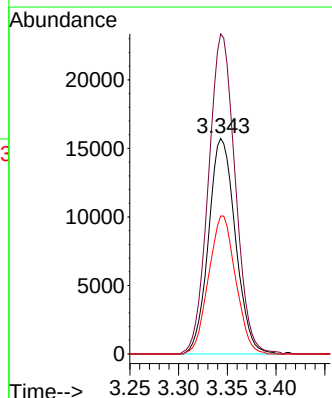
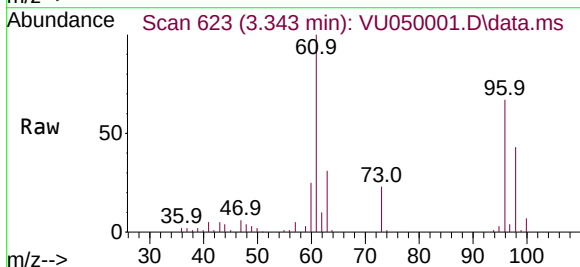
Tgt Ion: 96 Resp: 30213

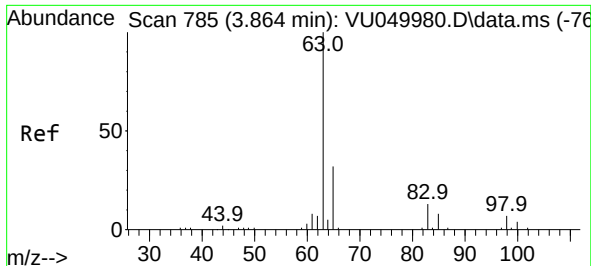
Ion Ratio Lower Upper

96 100

61 148.4 98.0 182.0

98 64.0 44.5 82.7

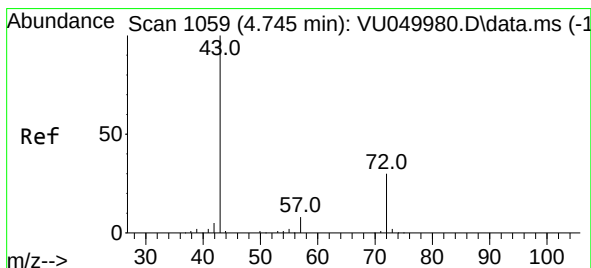
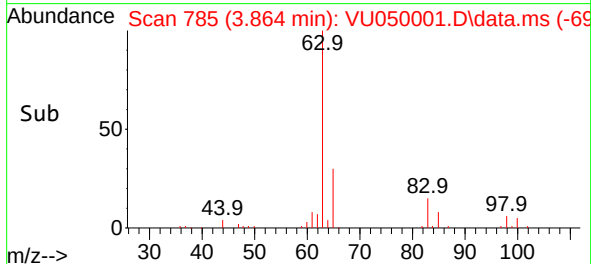
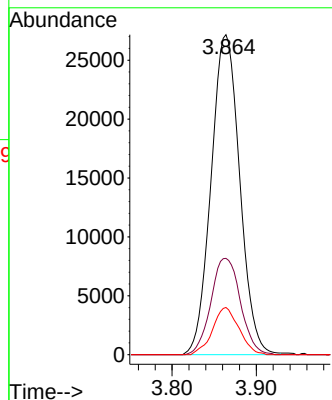
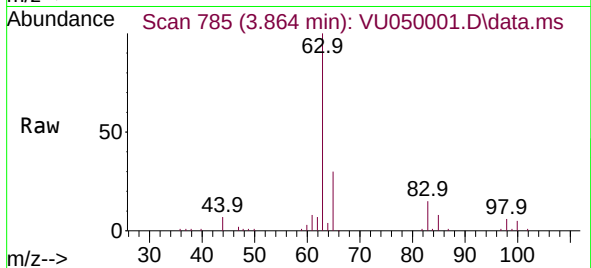




#19
1,1-Dichloroethane
Concen: 5.280 ug/L
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

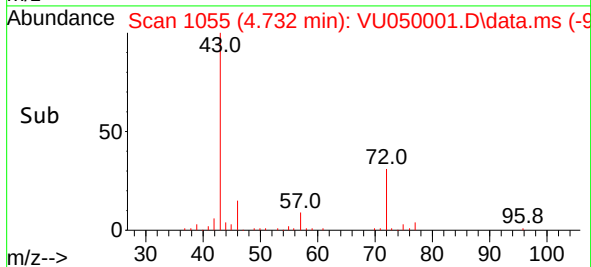
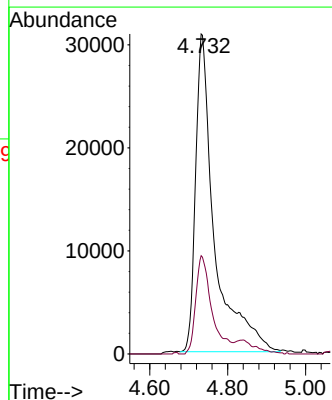
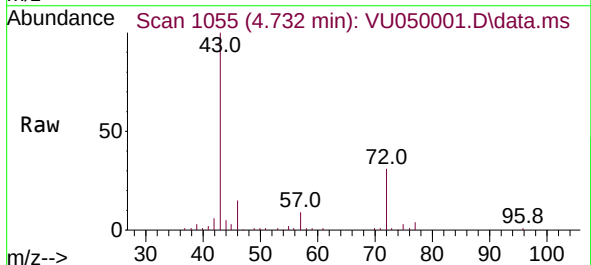
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

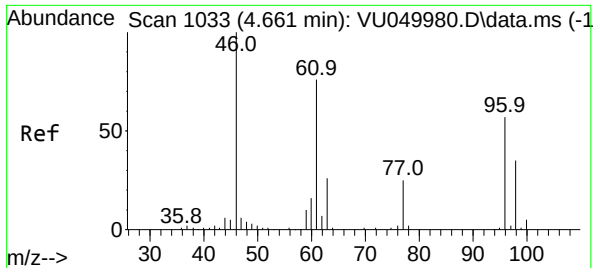
Tgt Ion: 63 Resp: 64134
Ion Ratio Lower Upper
63 100
65 30.1 23.4 43.6
83 14.8 9.4 17.4



#21
2-Butanone
Concen: 55.062 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. -0.013 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion: 43 Resp: 103987
Ion Ratio Lower Upper
43 100
72 26.4 15.8 47.3

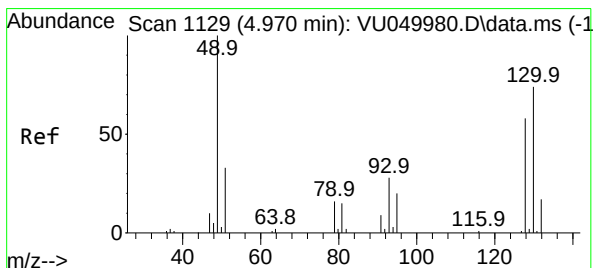
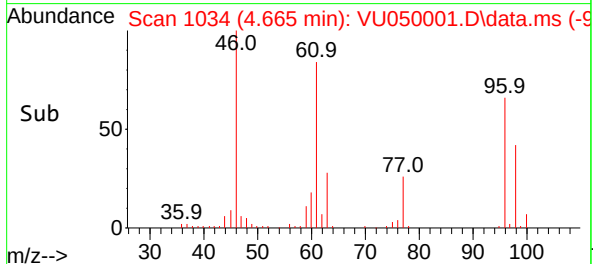
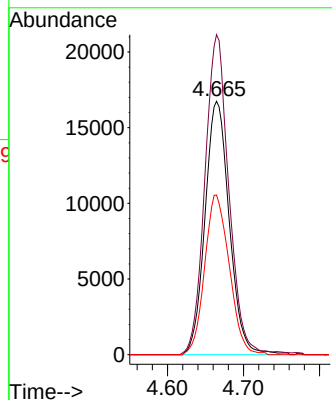
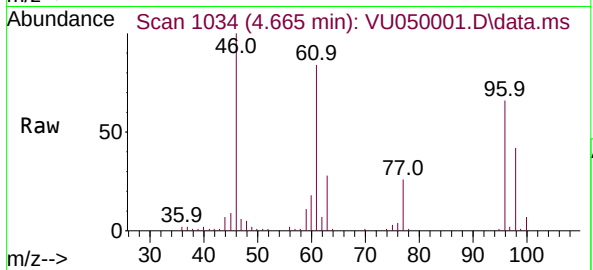




#22
 cis-1,2-Dichloroethene
 Concen: 5.254 ug/L
 RT: 4.665 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU050001.D
 Acq: 28 Jul 2022 21:43

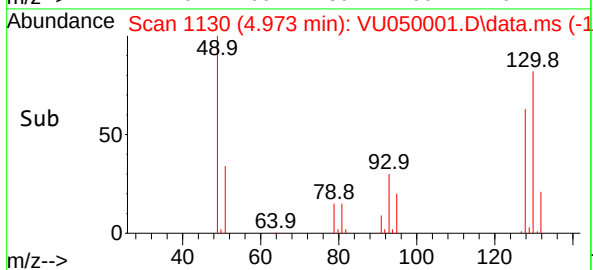
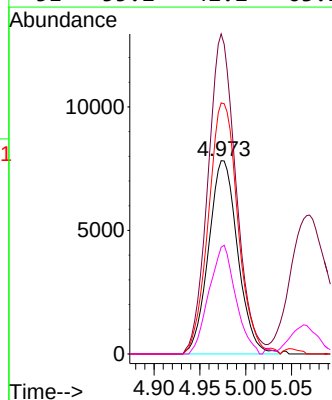
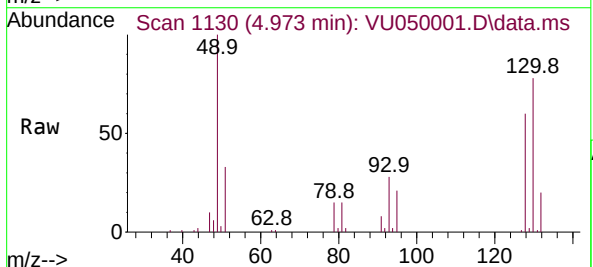
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

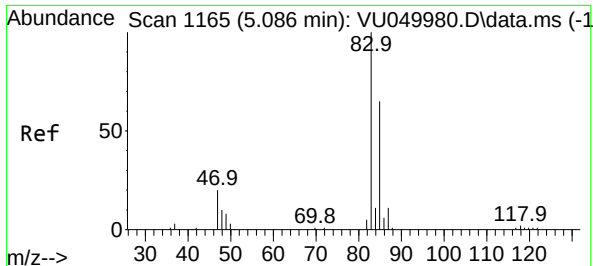
Tgt Ion: 96 Resp: 37185
 Ion Ratio Lower Upper
 96 100
 61 126.3 87.2 161.9
 98 63.0 44.7 83.1



#23
 Bromochloromethane
 Concen: 5.318 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU050001.D
 Acq: 28 Jul 2022 21:43

Tgt Ion: 128 Resp: 17236
 Ion Ratio Lower Upper
 128 100
 49 171.0 111.4 207.0
 130 129.9 88.7 164.7
 51 55.2 42.2 63.2





#25

Chloroform

Concen: 4.955 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

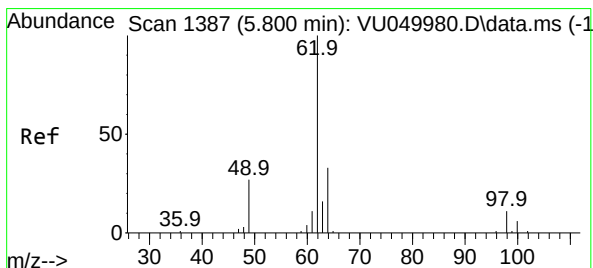
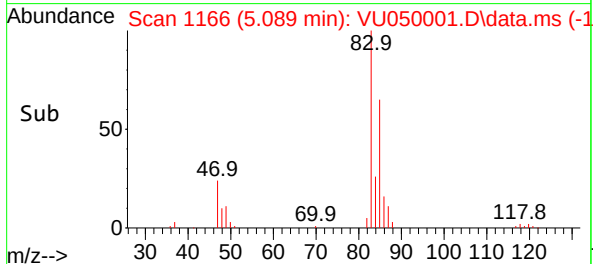
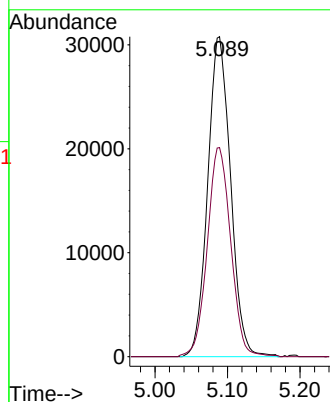
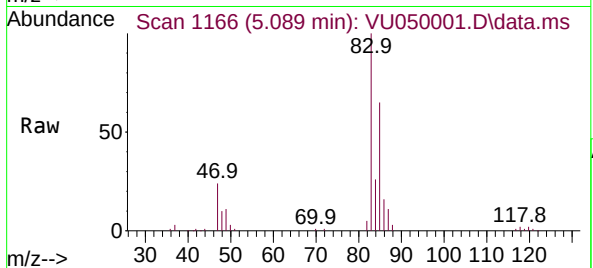
VSTD005138

Tgt Ion: 83 Resp: 67445

Ion Ratio Lower Upper

83 100

85 65.4 44.4 82.4



#27

1,2-Dichloroethane

Concen: 5.235 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU050001.D

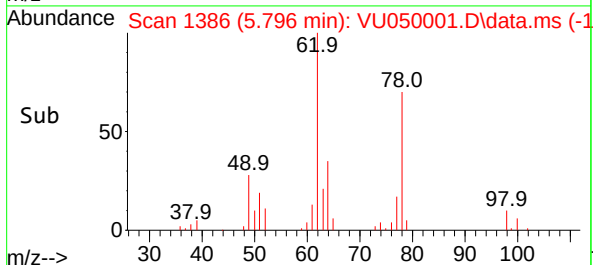
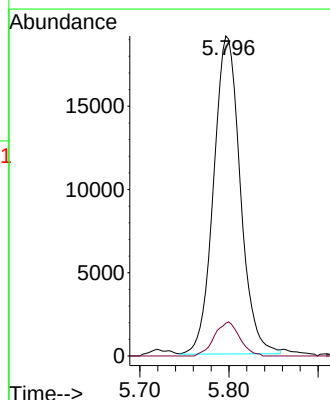
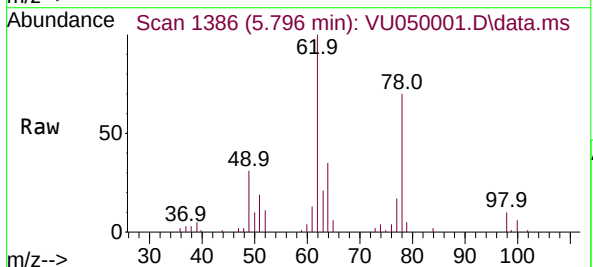
Acq: 28 Jul 2022 21:43

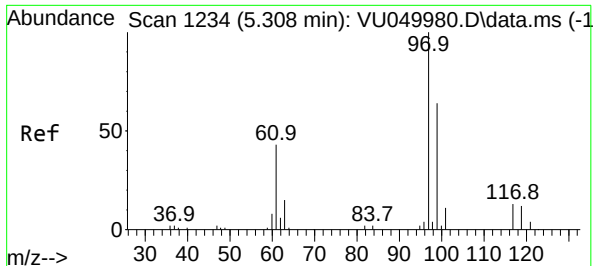
Tgt Ion: 62 Resp: 39769

Ion Ratio Lower Upper

62 100

98 10.3 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.162 ug/L

RT: 5.311 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD0005138

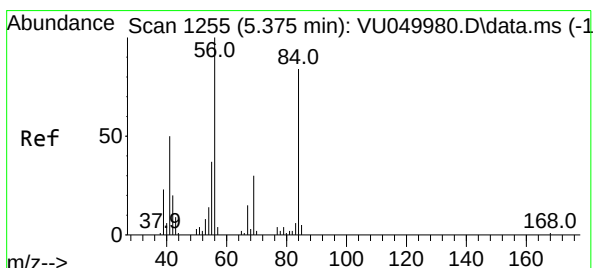
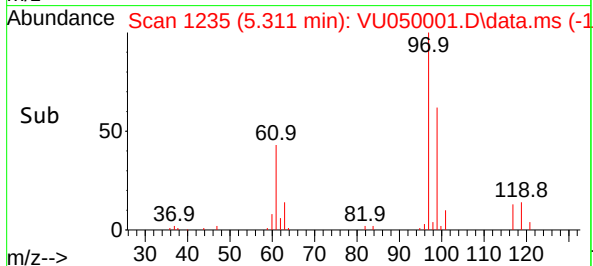
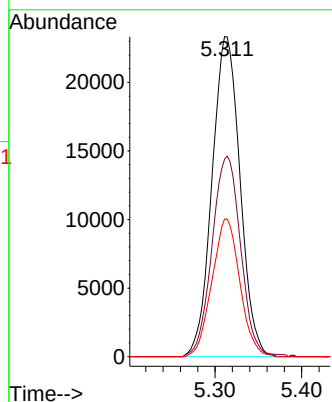
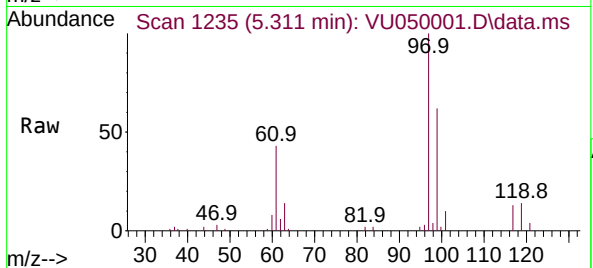
Tgt Ion: 97 Resp: 52438

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 42.8 35.0 52.6



#30

Cyclohexane

Concen: 4.549 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. 0.006 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

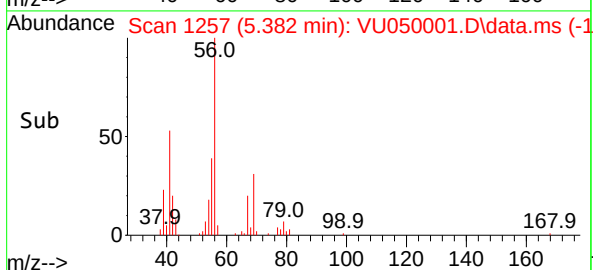
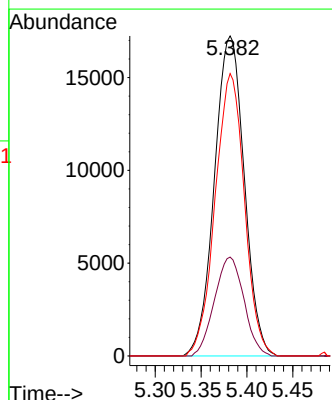
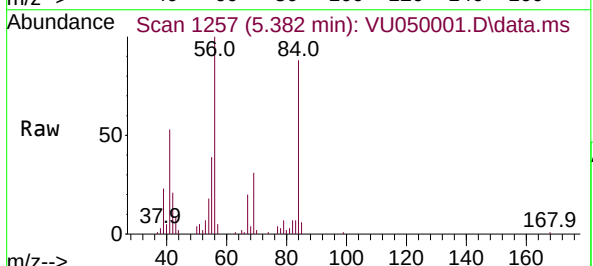
Tgt Ion: 56 Resp: 39005

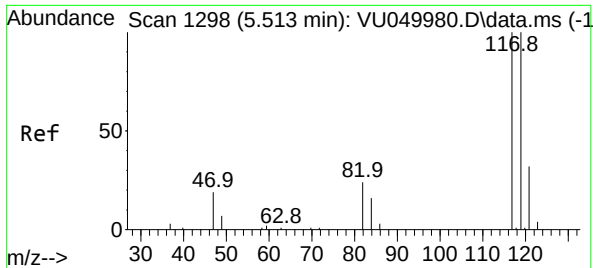
Ion Ratio Lower Upper

56 100

69 30.5 25.1 37.7

84 86.5 70.1 105.1

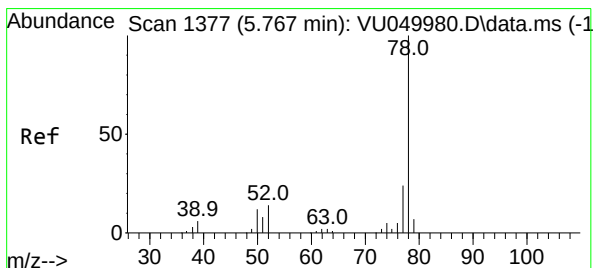
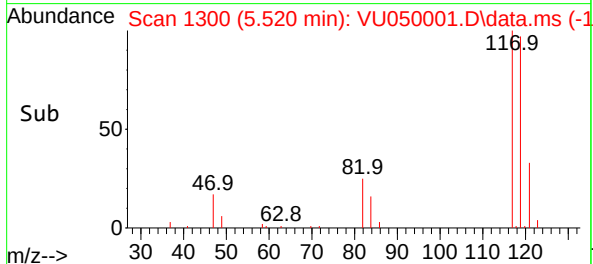
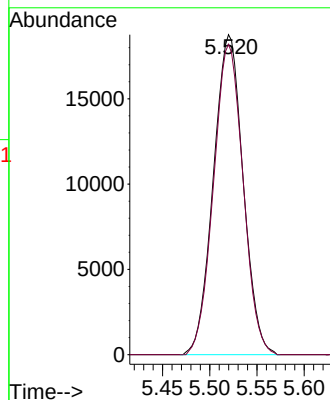
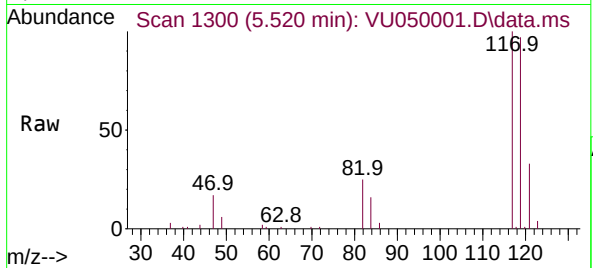




#31
Carbon tetrachloride
Concen: 4.970 ug/L
RT: 5.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

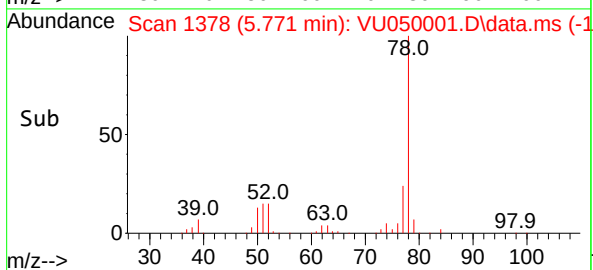
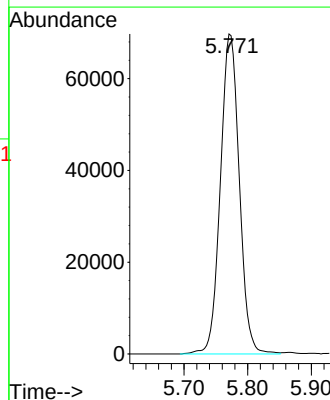
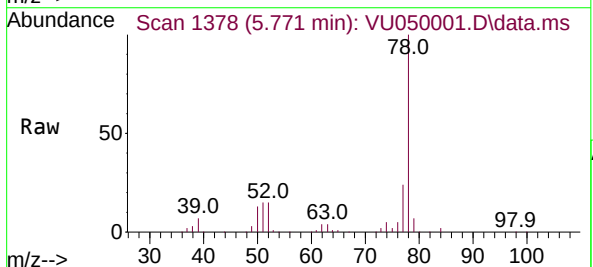
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

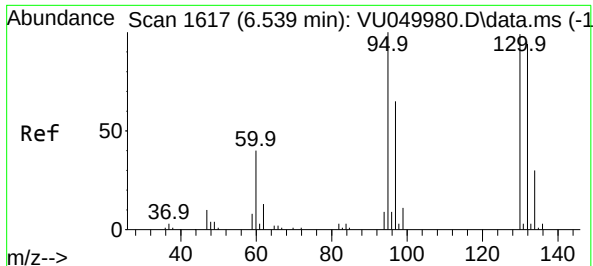
Tgt Ion:117 Resp: 41012
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6



#33
Benzene
Concen: 5.156 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion: 78 Resp: 143945

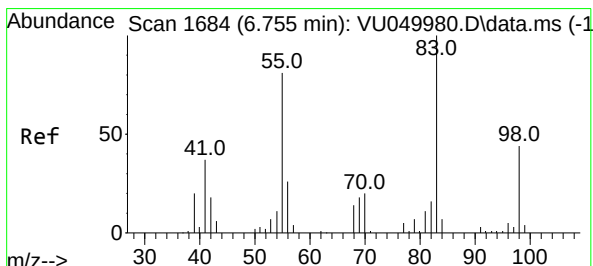
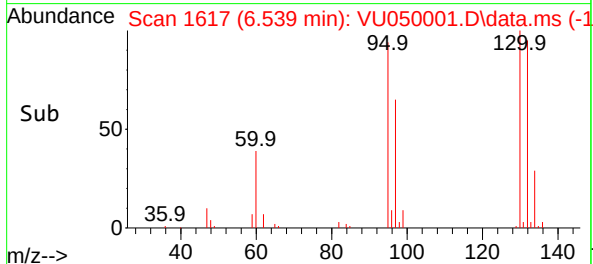
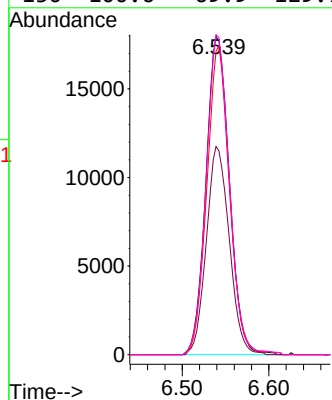
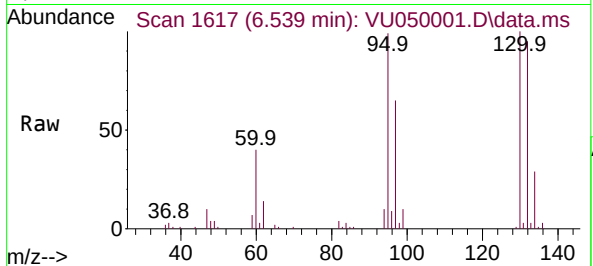




#34
Trichloroethene
Concen: 4.981 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

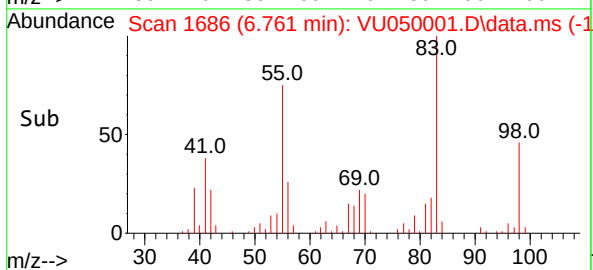
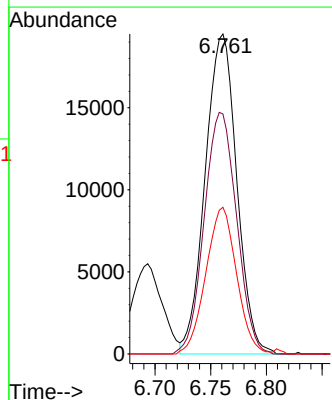
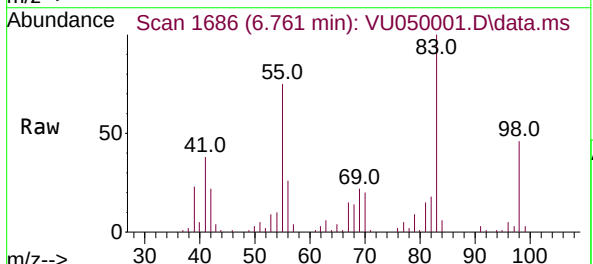
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

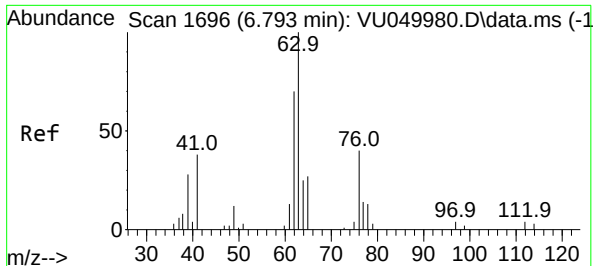
Tgt Ion: 95 Resp: 33801
Ion Ratio Lower Upper
95 100
97 65.4 45.6 84.8
132 95.4 66.8 124.2
130 100.6 69.9 129.7



#35
Methylcyclohexane
Concen: 4.298 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion: 83 Resp: 38471
Ion Ratio Lower Upper
83 100
55 77.4 61.6 92.4
98 44.6 34.8 52.2





#37

1,2-Dichloropropane

Concen: 5.276 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

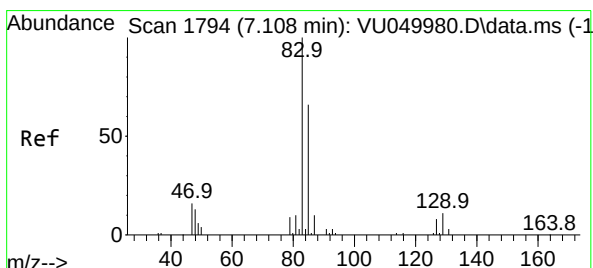
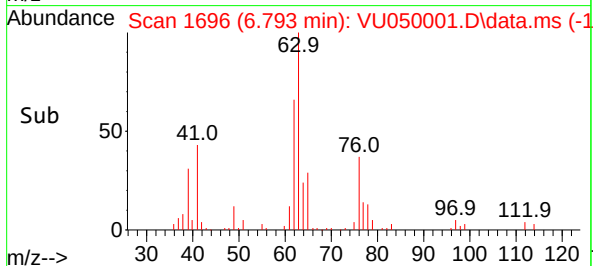
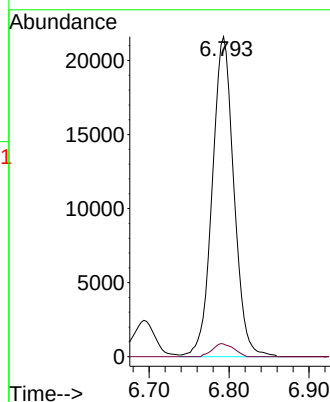
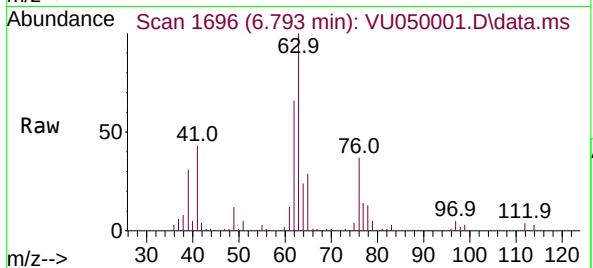
VSTD005138

Tgt Ion: 63 Resp: 40593

Ion Ratio Lower Upper

63 100

112 4.0 3.0 4.6



#38

Bromodichloromethane

Concen: 5.324 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

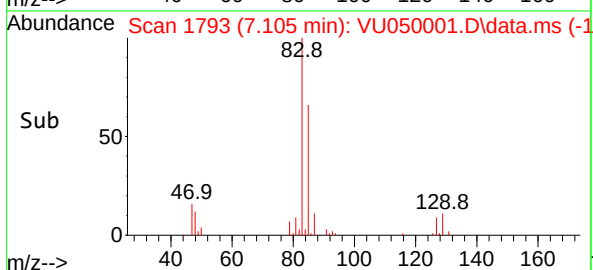
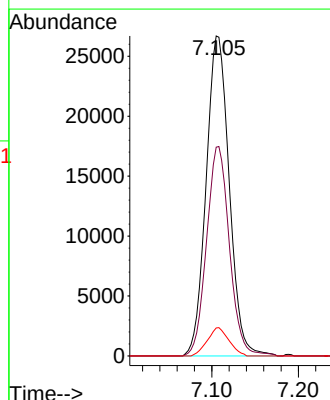
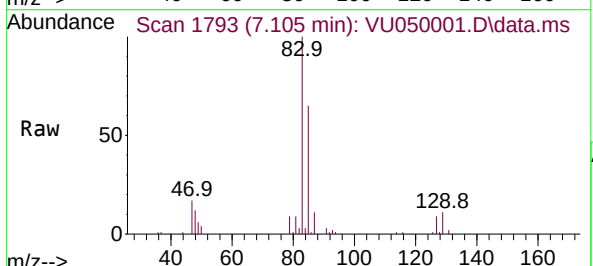
Tgt Ion: 83 Resp: 49567

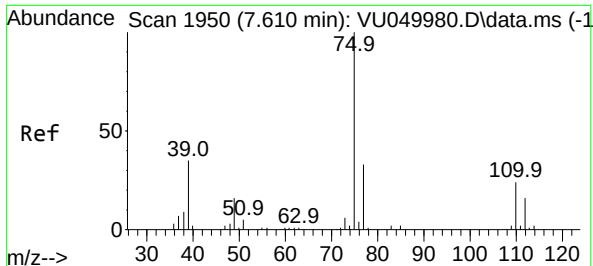
Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.5

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.692 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

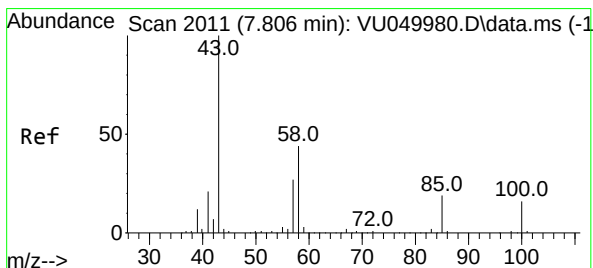
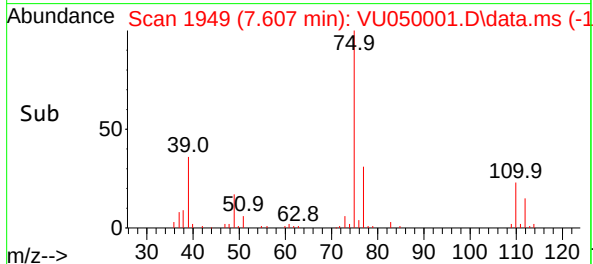
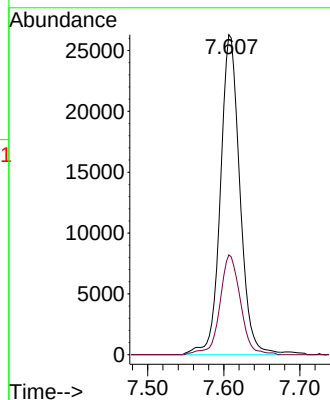
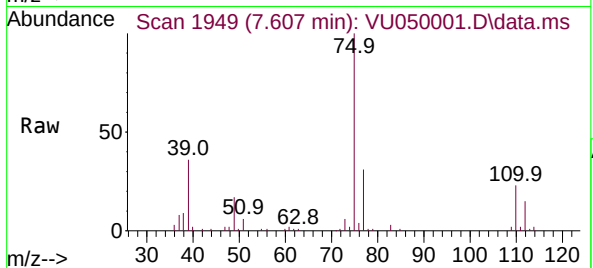
VSTD005138

Tgt Ion: 75 Resp: 46713

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 54.088 ug/L

RT: 7.799 min Scan# 2009

Delta R.T. -0.006 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

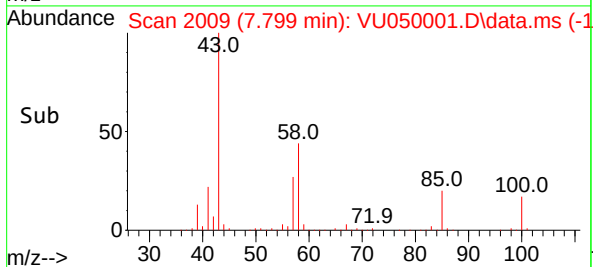
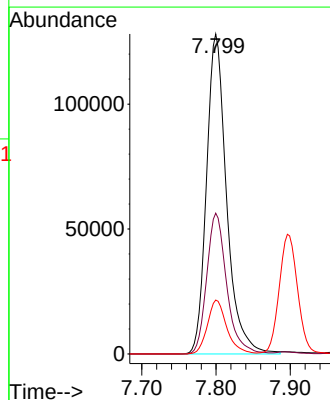
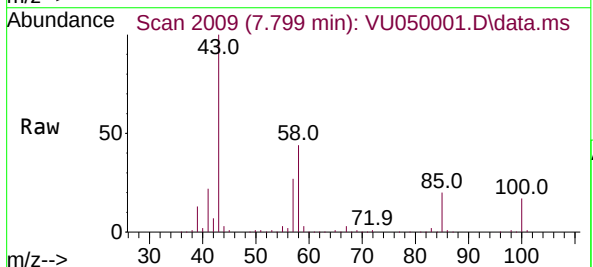
Tgt Ion: 43 Resp: 240462

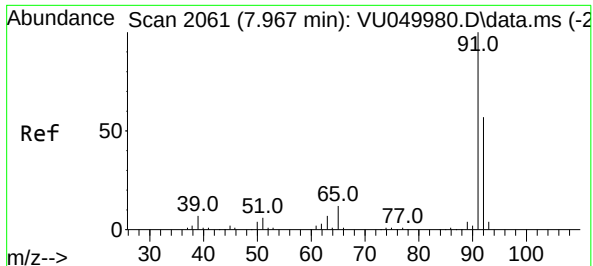
Ion Ratio Lower Upper

43 100

58 43.8 35.5 53.3

100 16.3 13.2 19.8

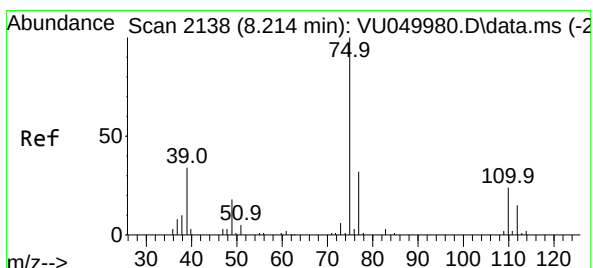
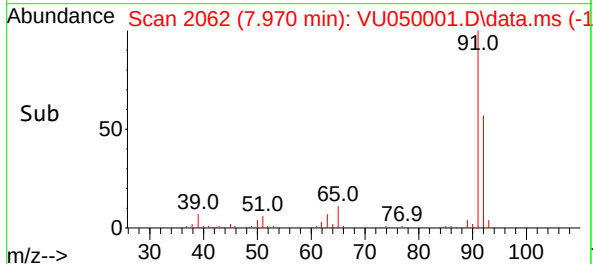
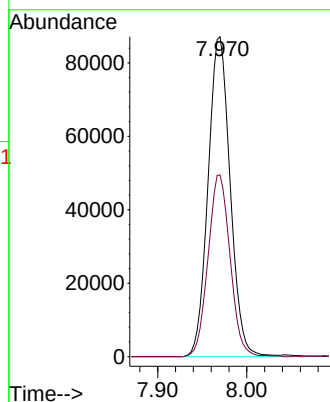
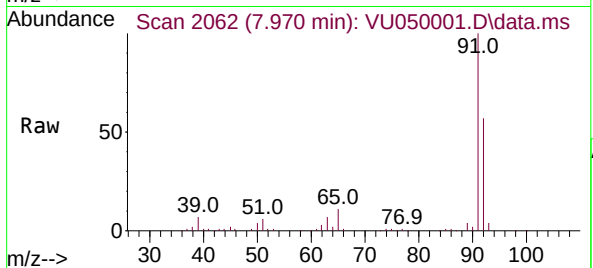




#42
Toluene
Concen: 5.279 ug/L
RT: 7.970 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

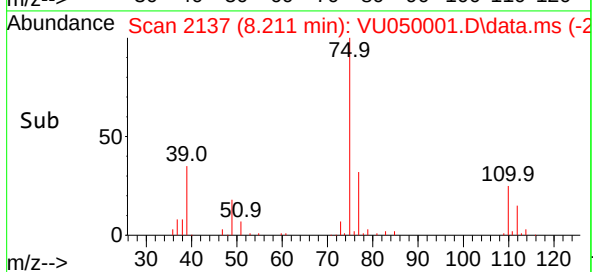
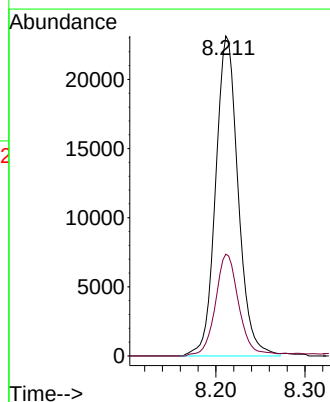
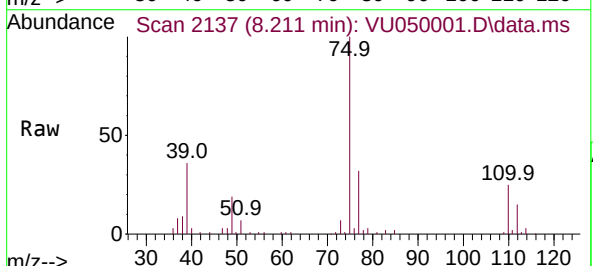
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

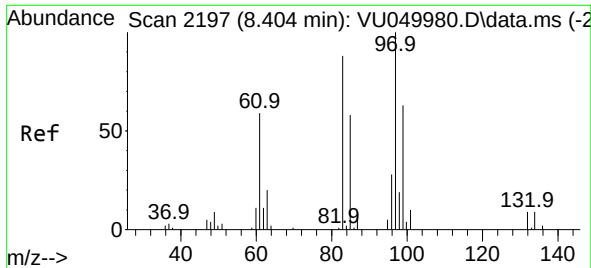
Tgt Ion: 91 Resp: 149870
Ion Ratio Lower Upper
91 100
92 56.8 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 4.861 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion: 75 Resp: 40647
Ion Ratio Lower Upper
75 100
77 31.8 24.1 44.8



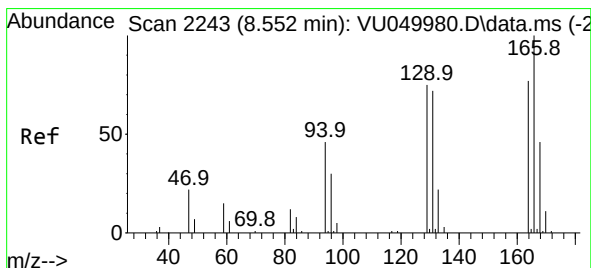
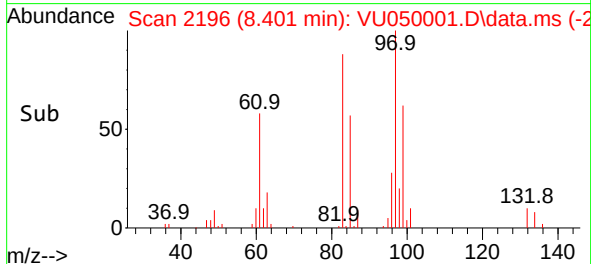
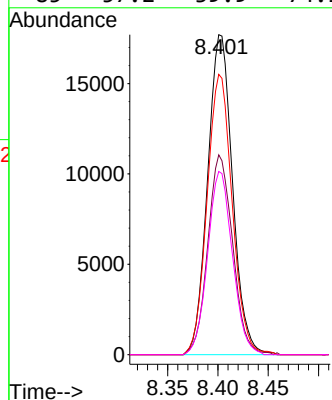
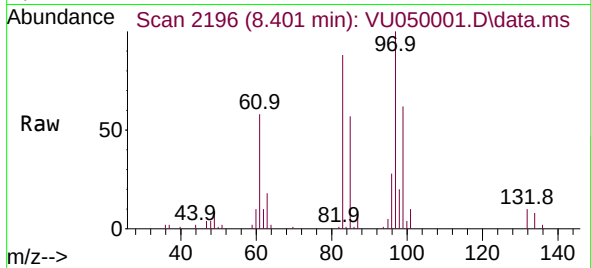


#45
1,1,2-Trichloroethane
Concen: 5.306 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

Tgt Ion: 97 Resp: 30504

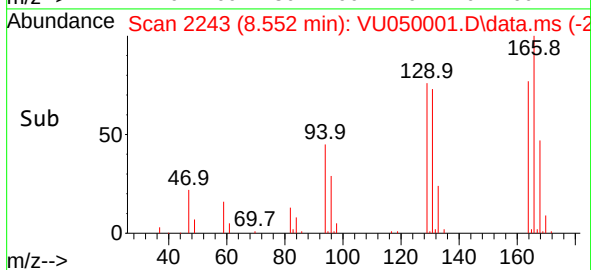
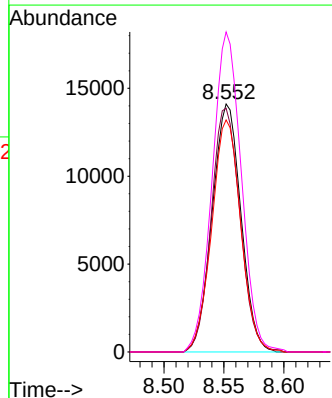
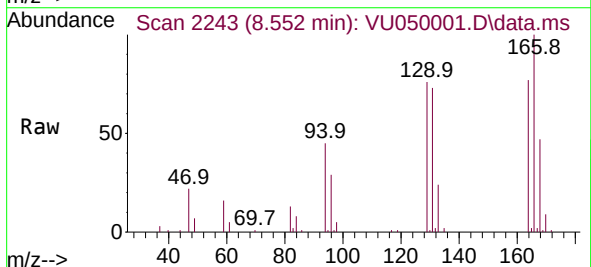
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.5	80.9
83	87.6	59.9	111.3
85	57.2	39.9	74.1

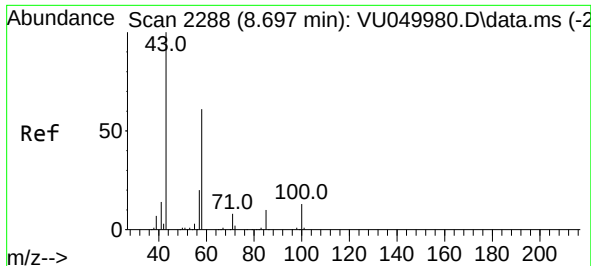


#47
Tetrachloroethene
Concen: 4.831 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion: 164 Resp: 23596

Ion	Ratio	Lower	Upper
164	100		
129	98.2	66.3	123.1
131	93.6	63.1	117.1
166	129.0	84.6	157.0

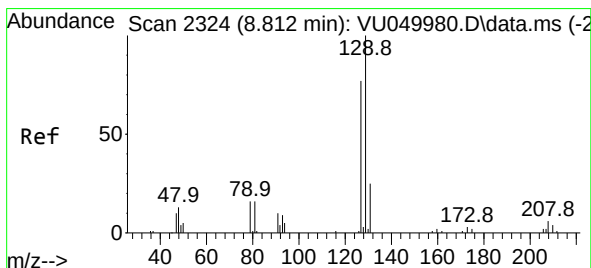
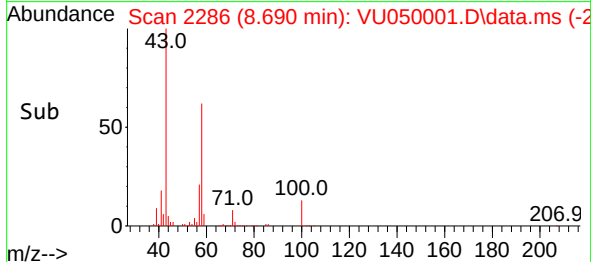
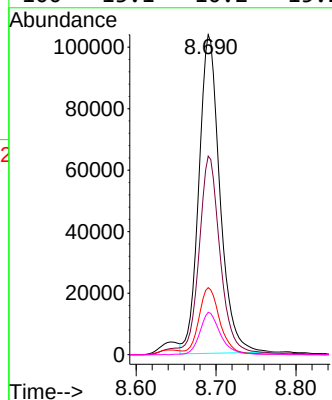
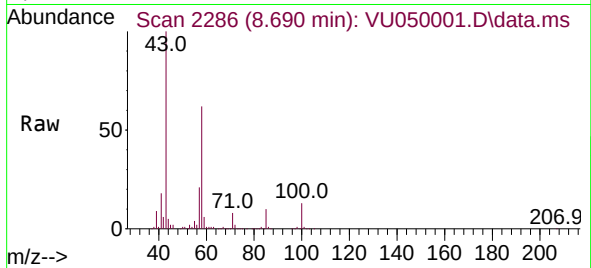




#48
2-Hexanone
Concen: 56.180 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

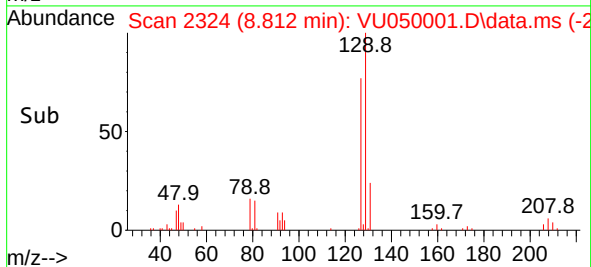
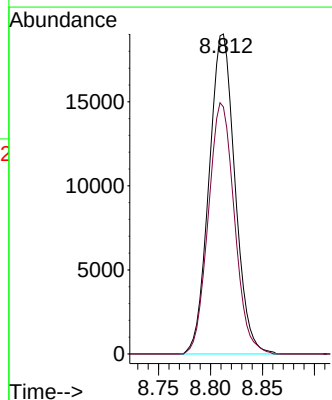
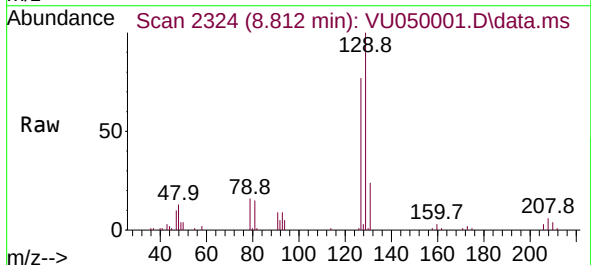
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

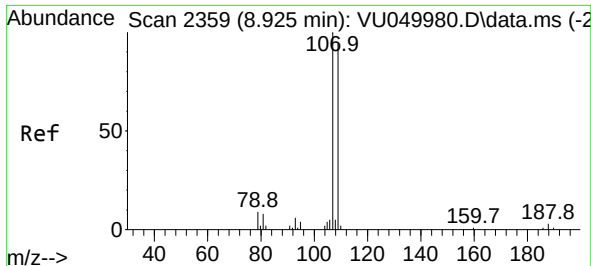
Tgt Ion: 43	Resp: 190392
Ion Ratio	Lower Upper
43 100	
58 64.3	49.4 74.0
57 20.8	17.0 25.4
100 13.1	10.2 15.2



#49
Dibromochloromethane
Concen: 5.251 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion:129	Resp:	33033	
Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.5	101.1

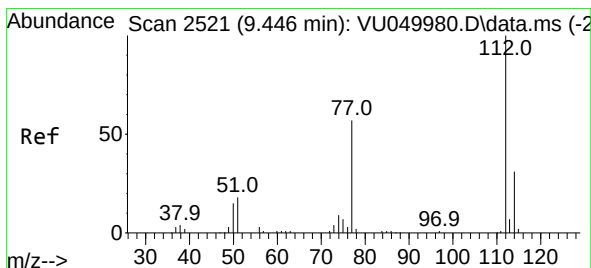
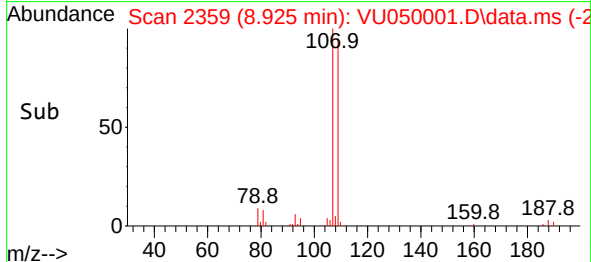
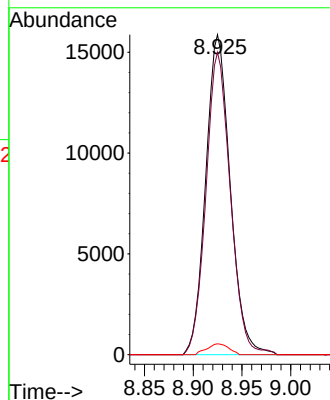
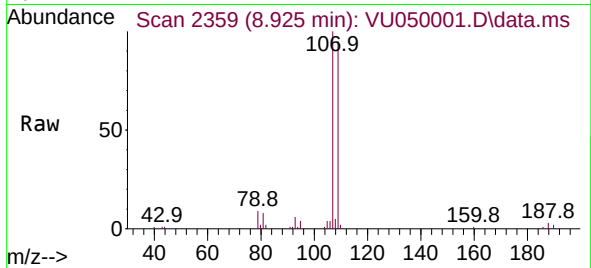




#50
1,2-Dibromoethane
Concen: 5.445 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

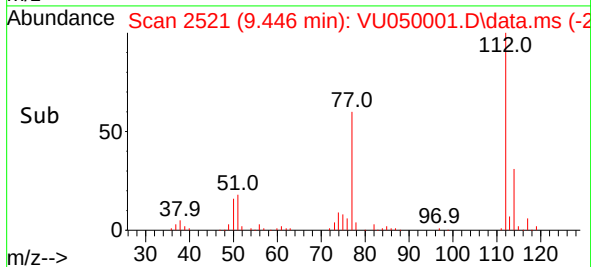
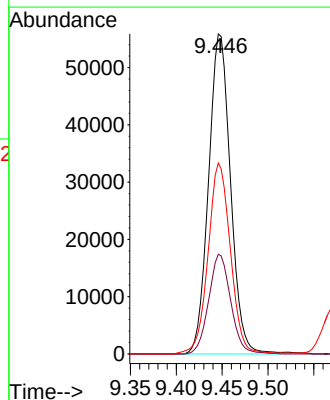
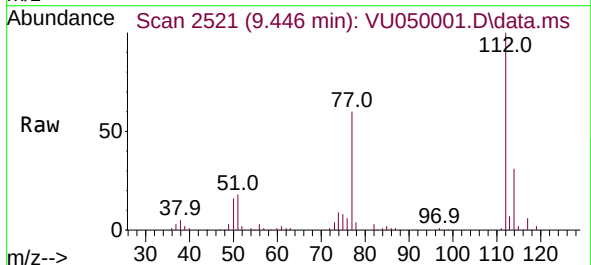
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

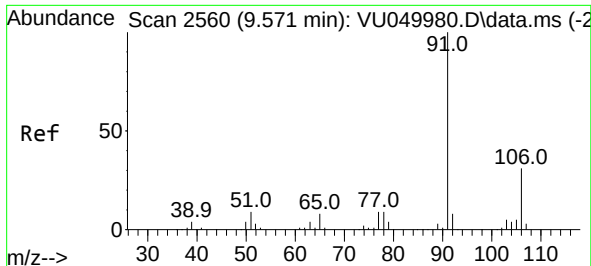
Tgt Ion:	107	Resp:	27795
Ion	Ratio	Lower	Upper
107	100		
109	94.5	62.7	116.5
188	3.4	2.4	3.6



#51
Chlorobenzene
Concen: 5.163 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion:	112	Resp:	93046
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.4	41.6
77	59.6	48.2	72.4

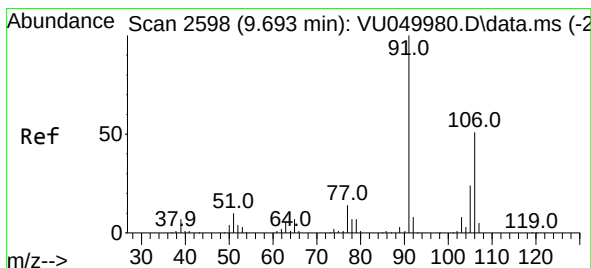
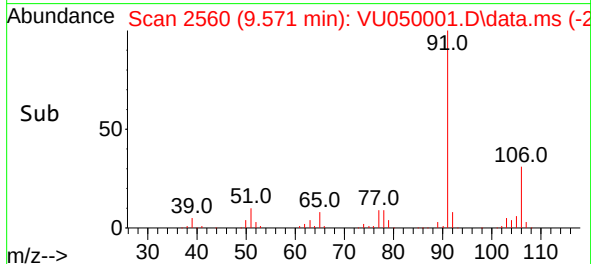
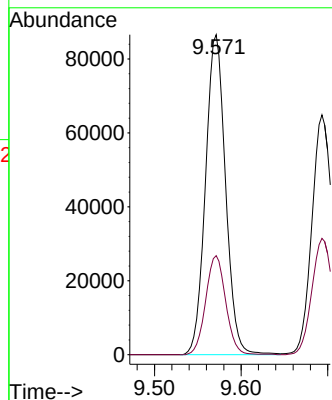
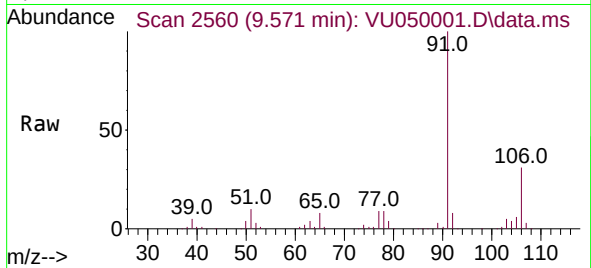




#52
Ethylbenzene
Concen: 5.006 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

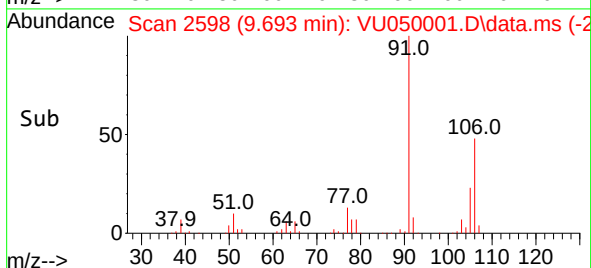
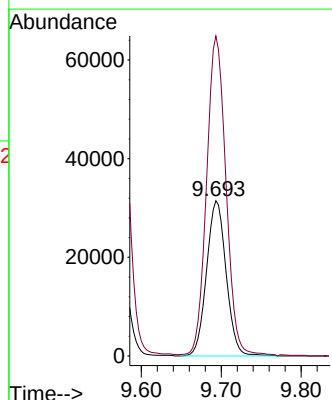
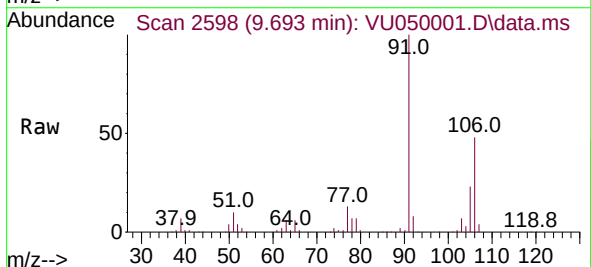
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

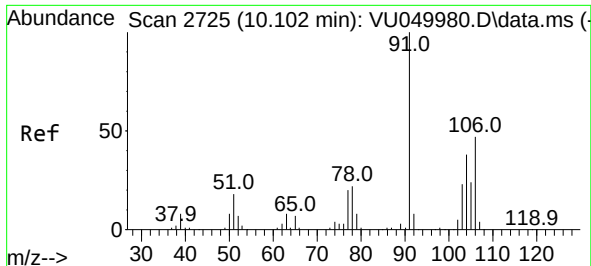
Tgt Ion: 91 Resp: 139219
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.0



#53
m,p-Xylene
Concen: 5.063 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion: 106 Resp: 53612
Ion Ratio Lower Upper
106 100
91 206.2 142.4 264.4

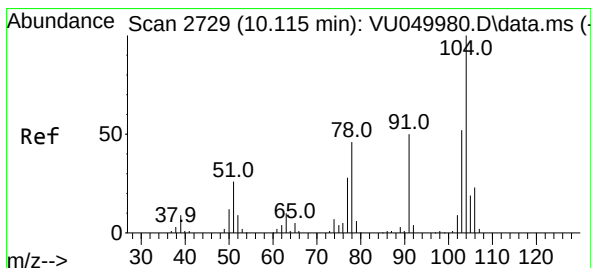
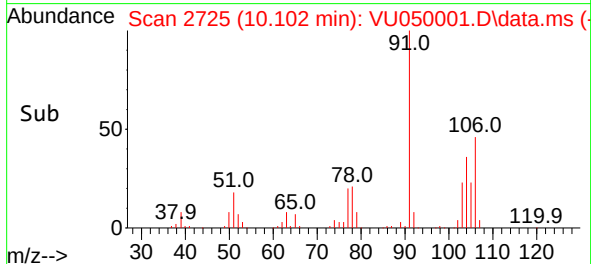
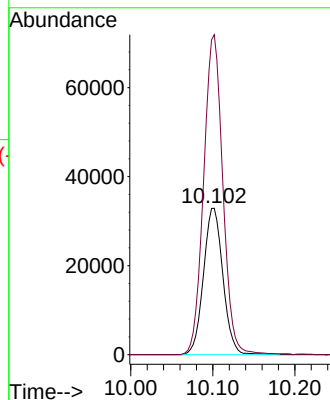
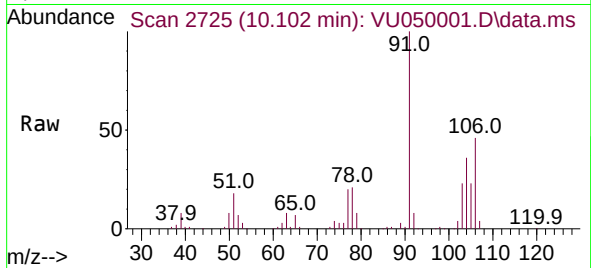




#54
o-Xylene
Concen: 5.282 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

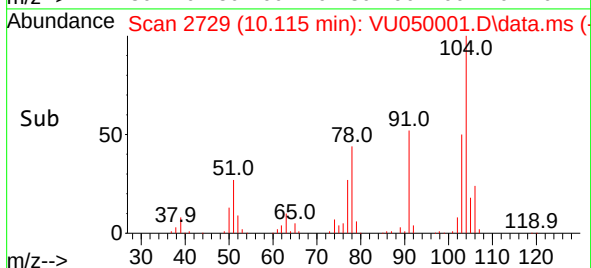
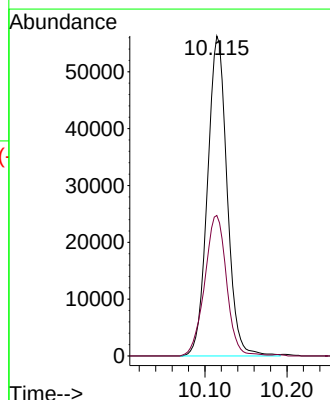
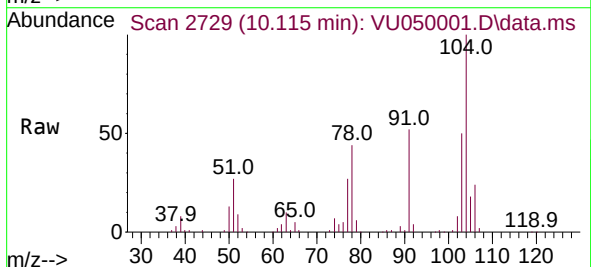
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

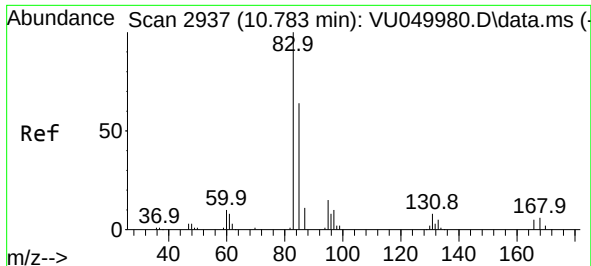
Tgt Ion:106 Resp: 54230
Ion Ratio Lower Upper
106 100
91 218.7 148.7 276.1



#55
Styrene
Concen: 5.342 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion:104 Resp: 93422
Ion Ratio Lower Upper
104 100
78 43.9 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.372 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD005138

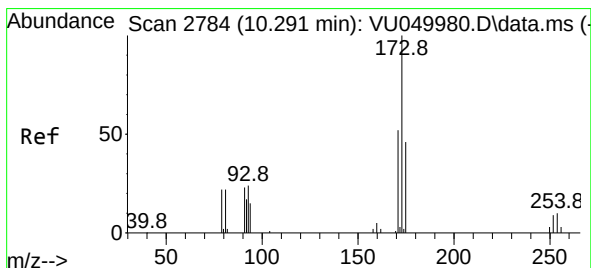
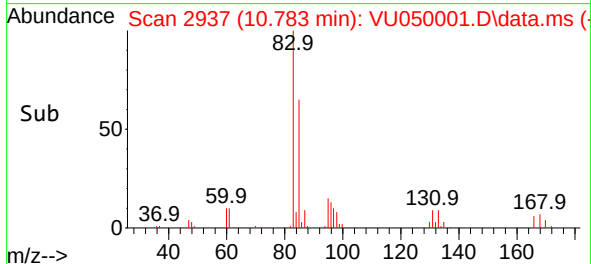
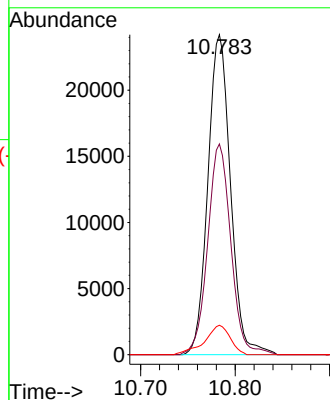
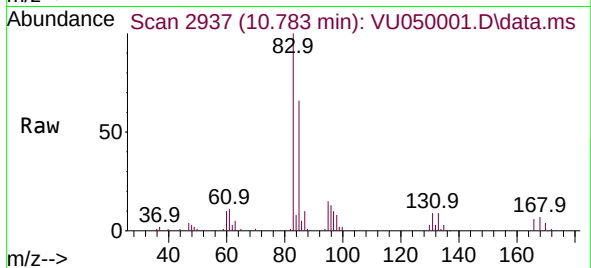
Tgt Ion: 83 Resp: 40202

Ion Ratio Lower Upper

83 100

85 65.9 46.6 86.6

131 9.2 7.9 11.9



#59

Bromoform

Concen: 5.160 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

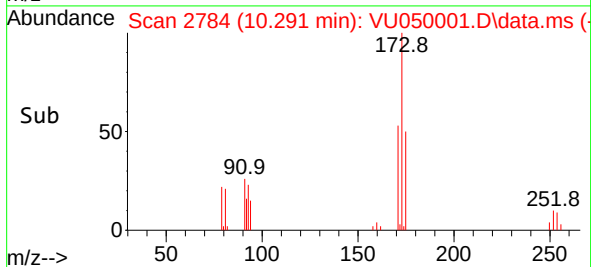
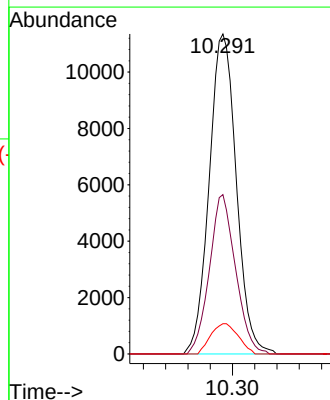
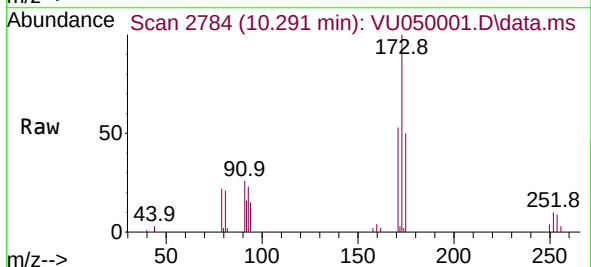
Tgt Ion: 173 Resp: 19183

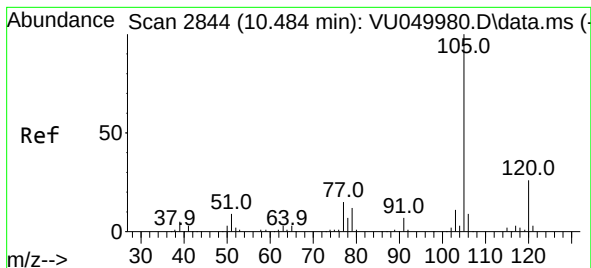
Ion Ratio Lower Upper

173 100

175 47.9 39.1 58.7

254 9.6 7.5 11.3





#60

Isopropylbenzene

Concen: 4.811 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD005138

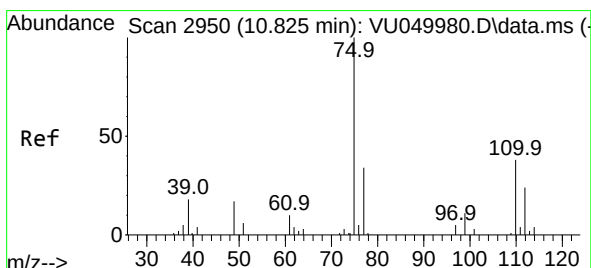
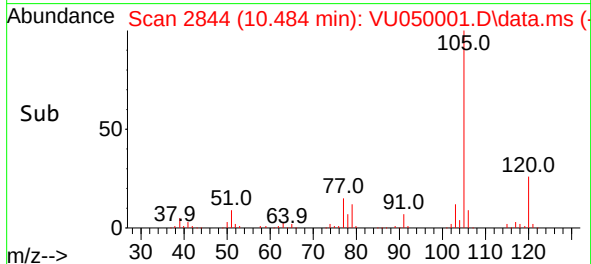
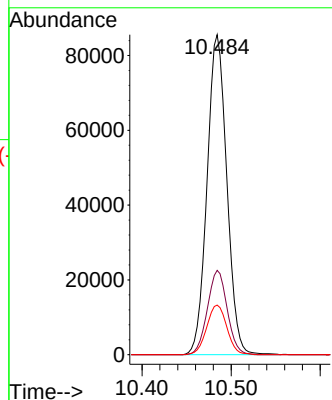
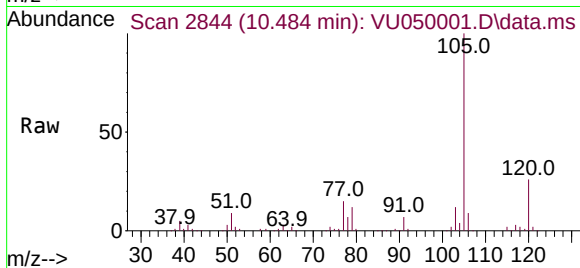
Tgt Ion:105 Resp: 131463

Ion Ratio Lower Upper

105 100

120 26.4 20.5 30.7

77 15.8 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 5.251 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

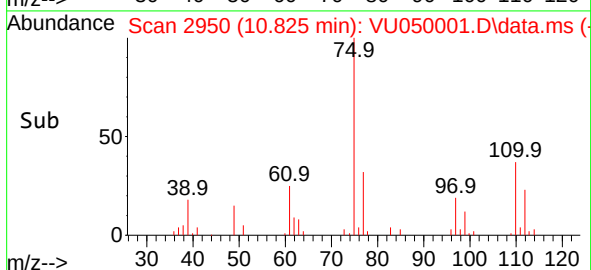
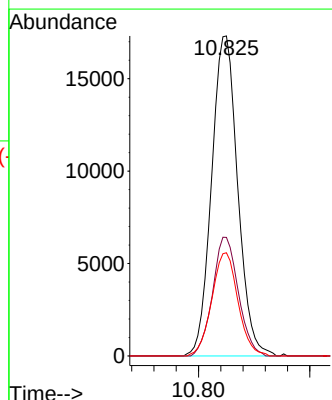
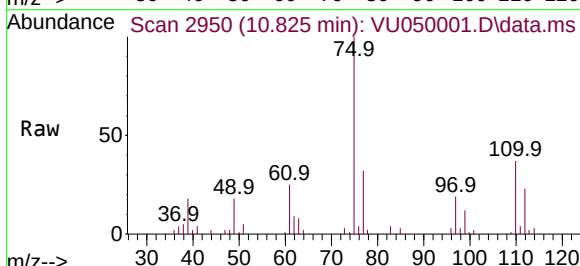
Tgt Ion: 75 Resp: 28206

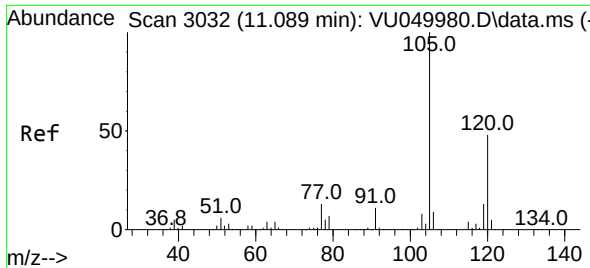
Ion Ratio Lower Upper

75 100

110 36.6 28.1 42.1

77 32.3 24.7 37.1

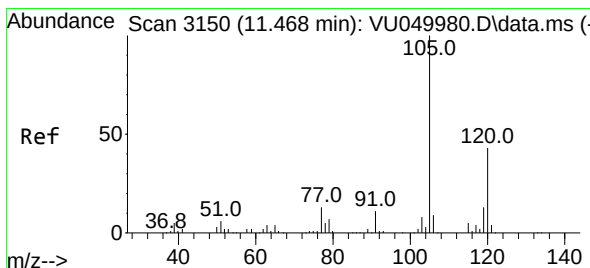
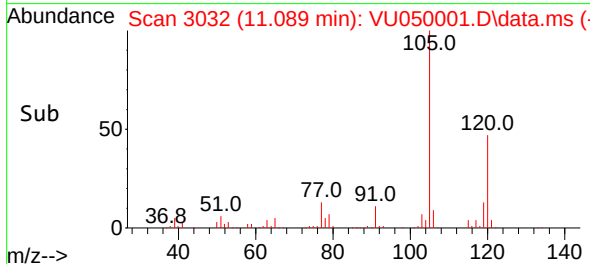
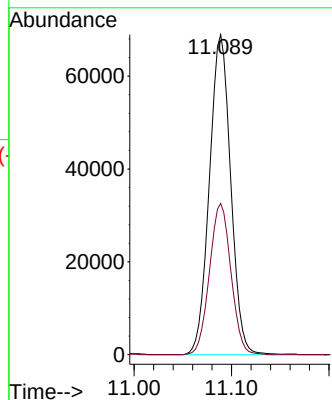
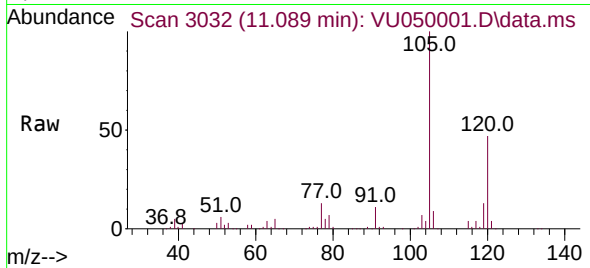




#62
 1,3,5-Trimethylbenzene
 Concen: 4.715 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050001.D
 Acq: 28 Jul 2022 21:43

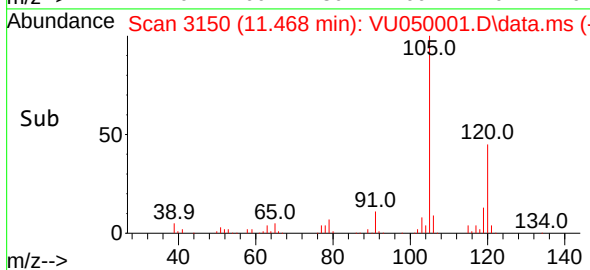
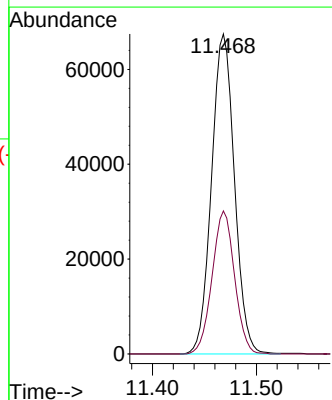
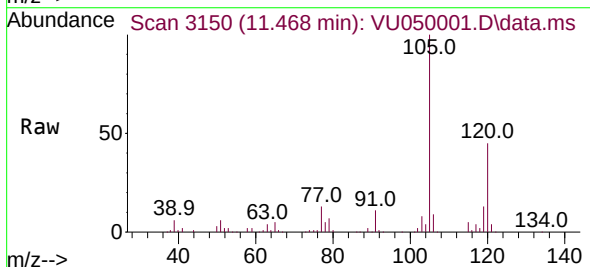
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

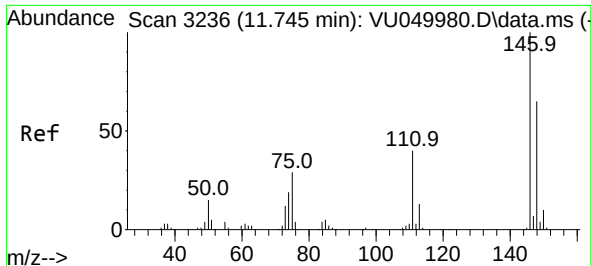
Tgt Ion:105 Resp: 104661
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.805 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050001.D
 Acq: 28 Jul 2022 21:43

Tgt Ion:105 Resp: 103360
 Ion Ratio Lower Upper
 105 100
 120 43.7 35.4 53.2

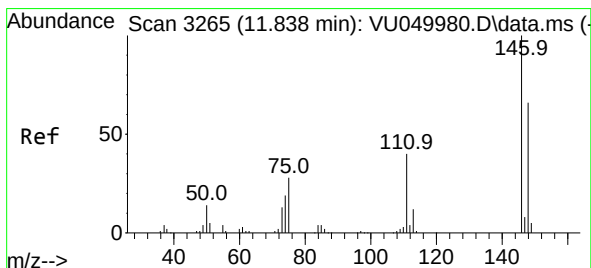
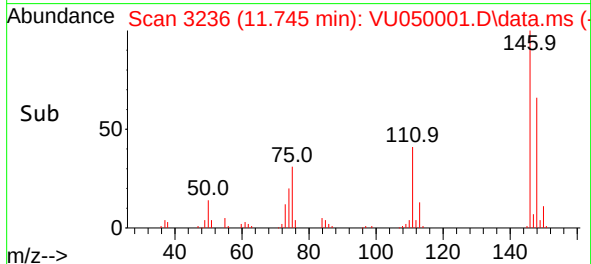
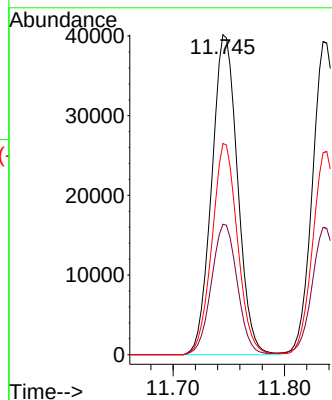
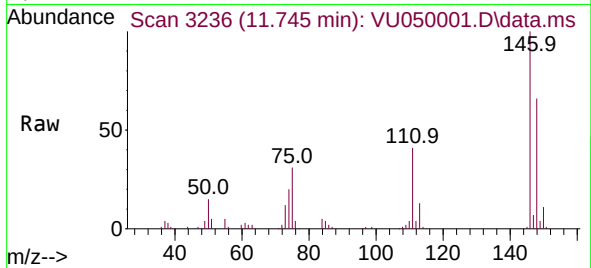




#64
1,3-Dichlorobenzene
Concen: 4.955 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

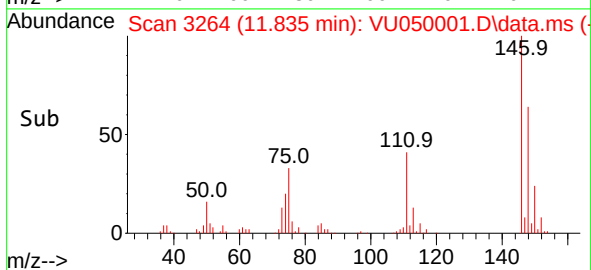
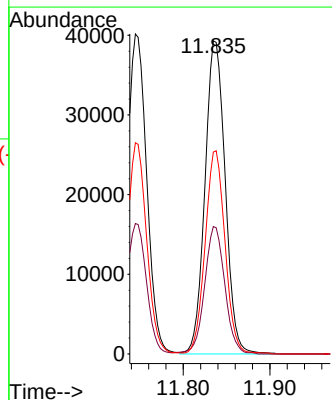
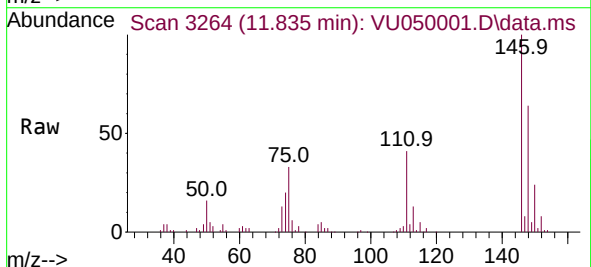
Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

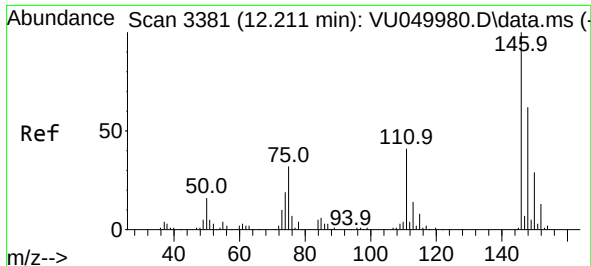
Tgt Ion:146 Resp: 64827
Ion Ratio Lower Upper
146 100
111 40.7 28.9 53.7
148 66.0 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 4.936 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion:146 Resp: 63902
Ion Ratio Lower Upper
146 100
111 40.7 26.4 49.0
148 64.5 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.041 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD005138

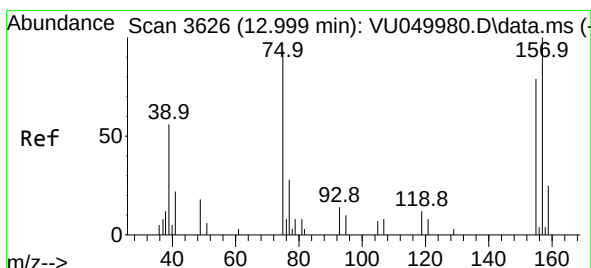
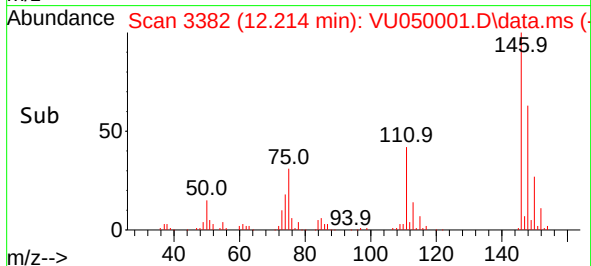
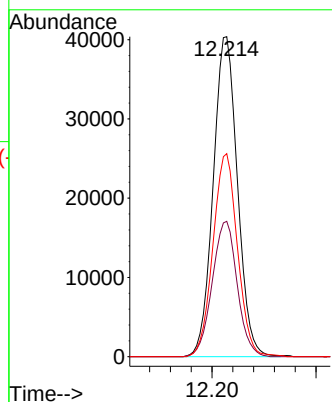
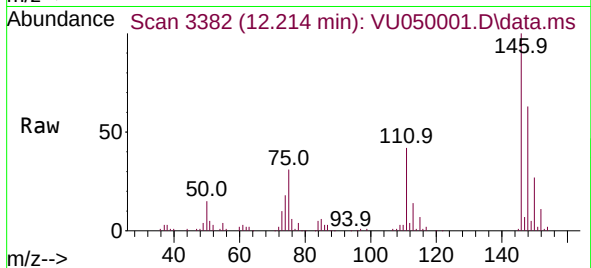
Tgt Ion:146 Resp: 65522

Ion Ratio Lower Upper

146 100

111 42.3 33.4 50.2

148 63.4 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.242 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU050001.D

Acq: 28 Jul 2022 21:43

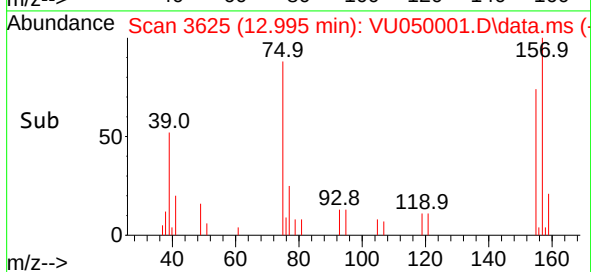
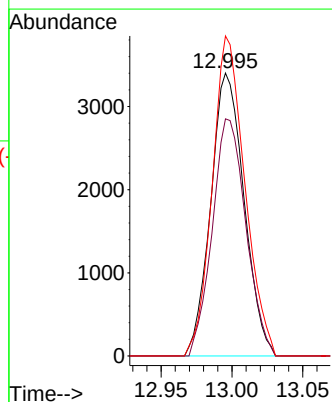
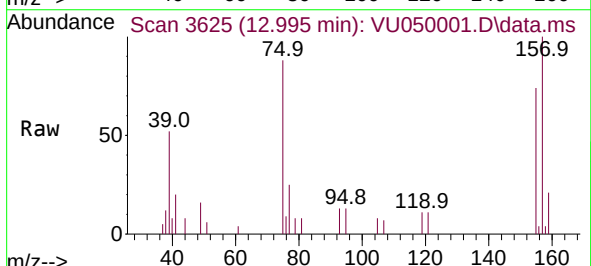
Tgt Ion: 75 Resp: 5562

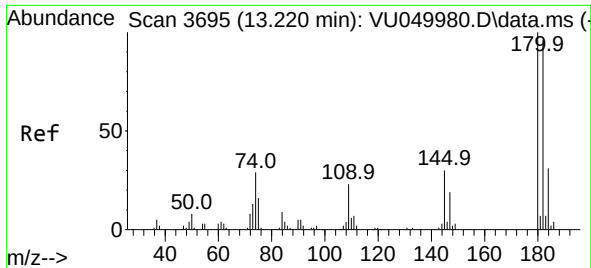
Ion Ratio Lower Upper

75 100

155 83.8 59.4 89.0

157 113.1 73.8 110.6#

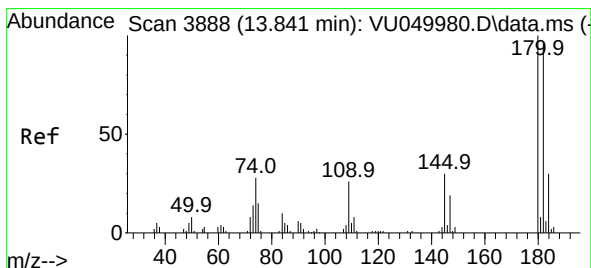
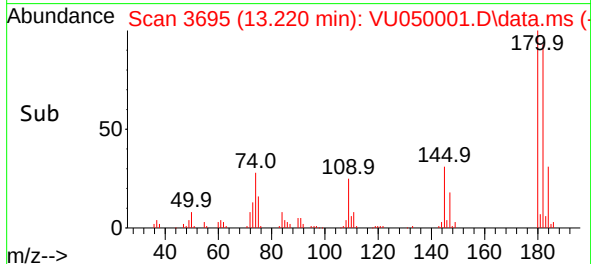
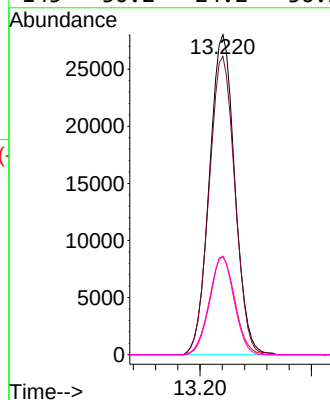
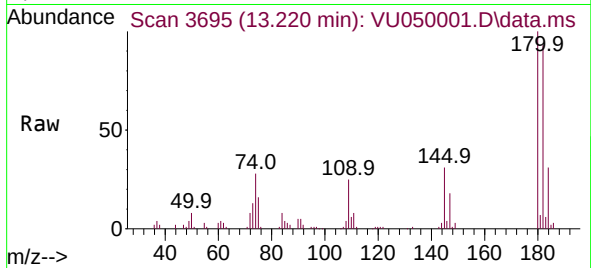




#69
 1,3,5-Trichlorobenzene
 Concen: 4.696 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU050001.D
 Acq: 28 Jul 2022 21:43

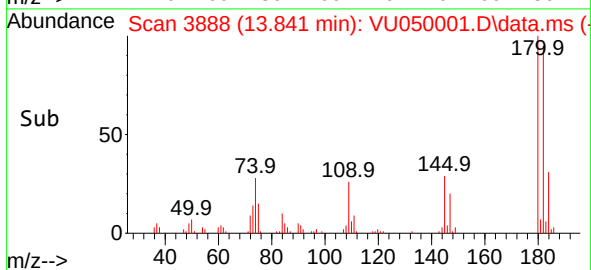
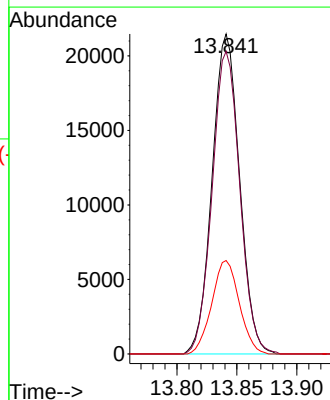
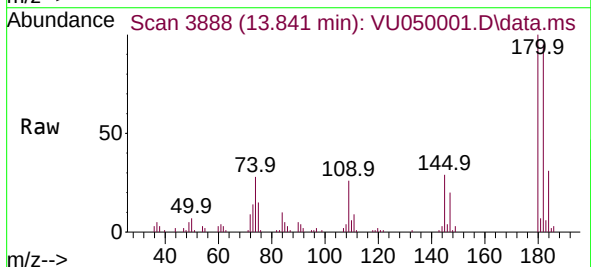
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005138

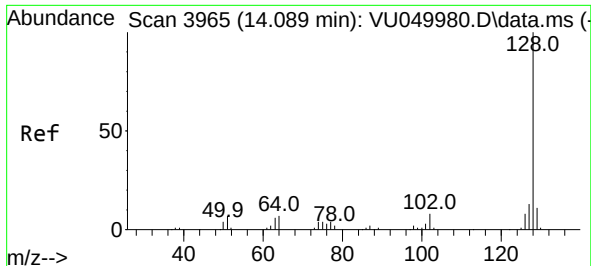
Tgt Ion:	180	Resp:	44299
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.2	115.8
184	30.5	23.9	35.9
145	30.2	24.2	36.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.534 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050001.D
 Acq: 28 Jul 2022 21:43

Tgt Ion:	180	Resp:	34114
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.8	113.6
145	29.3	23.8	35.8

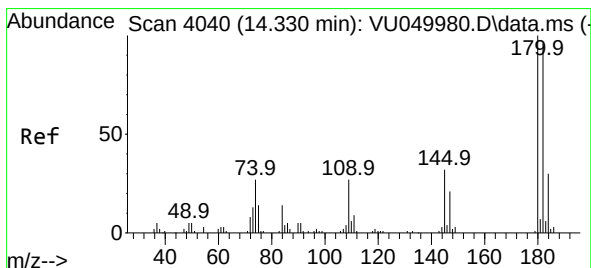
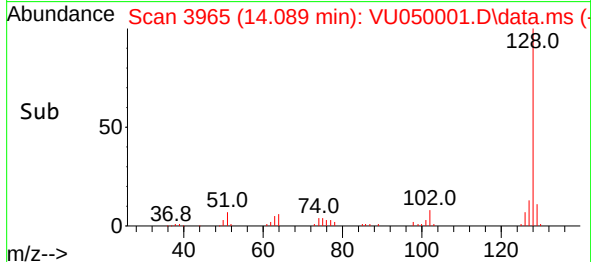
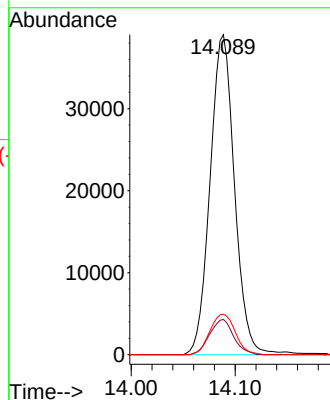
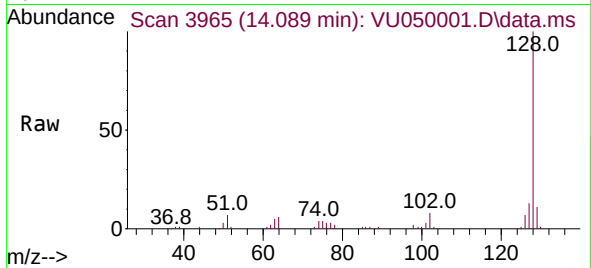




#71
Naphthalene
Concen: 4.261 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

Tgt Ion:	128	Resp:	63565
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.5	12.7
127	13.2	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.666 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050001.D
Acq: 28 Jul 2022 21:43

Tgt Ion:	180	Resp:	34846
Ion Ratio	Lower	Upper	
180	100		
182	97.2	77.0	115.4
145	32.2	26.3	39.5

