

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049848.D
 Acq On : 22 Jul 2022 13:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

Quant Time: Jul 23 01:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:51:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101297	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	99364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54346	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41415	5.050	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.000%
7) Chloroethane-d5	1.912	69	36222	5.277	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.562	65	17386	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.639	46	161801	54.834	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.660%
24) Chloroform-d	5.067	84	95043	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.703	65	53809	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.729	84	174001	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.694	67	60078	5.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.899	98	154757	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	8.182	79	21932	5.164	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.636	63	94276	56.021	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50498	5.141	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	56361	5.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	62924	5.884	ug/L	99
3) Chloromethane	1.523	50	68199	5.183	ug/L	94
5) Vinyl chloride	1.601	62	59291	5.390	ug/L	99
6) Bromomethane	1.858	94	31186	5.242	ug/L	95
8) Chloroethane	1.932	64	32705	5.159	ug/L	99
9) Trichlorofluoromethane	2.138	101	74635	5.518	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	38702	5.851	ug/L	100
12) 1,1-Dichloroethene	2.578	96	36244	5.415	ug/L	94
13) Acetone	2.652	43	97481	54.925	ug/L	100
14) Carbon disulfide	2.790	76	112052	5.411	ug/L	97
15) Methyl Acetate	2.961	43	22896	5.175	ug/L	99
16) Methylene chloride	3.044	84	57814	3.829	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	118837	5.481	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	40845	5.279	ug/L	92
19) 1,1-Dichloroethane	3.871	63	88658	5.302	ug/L	98
21) 2-Butanone	4.716	43	164757	54.735	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	48163	5.375	ug/L	98
23) Bromochloromethane	4.977	128	22065	5.512	ug/L	93
25) Chloroform	5.089	83	94569	5.331	ug/L	98

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

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

Quant Time: Jul 23 01:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:51:56 2022
 Response via : Initial Calibration

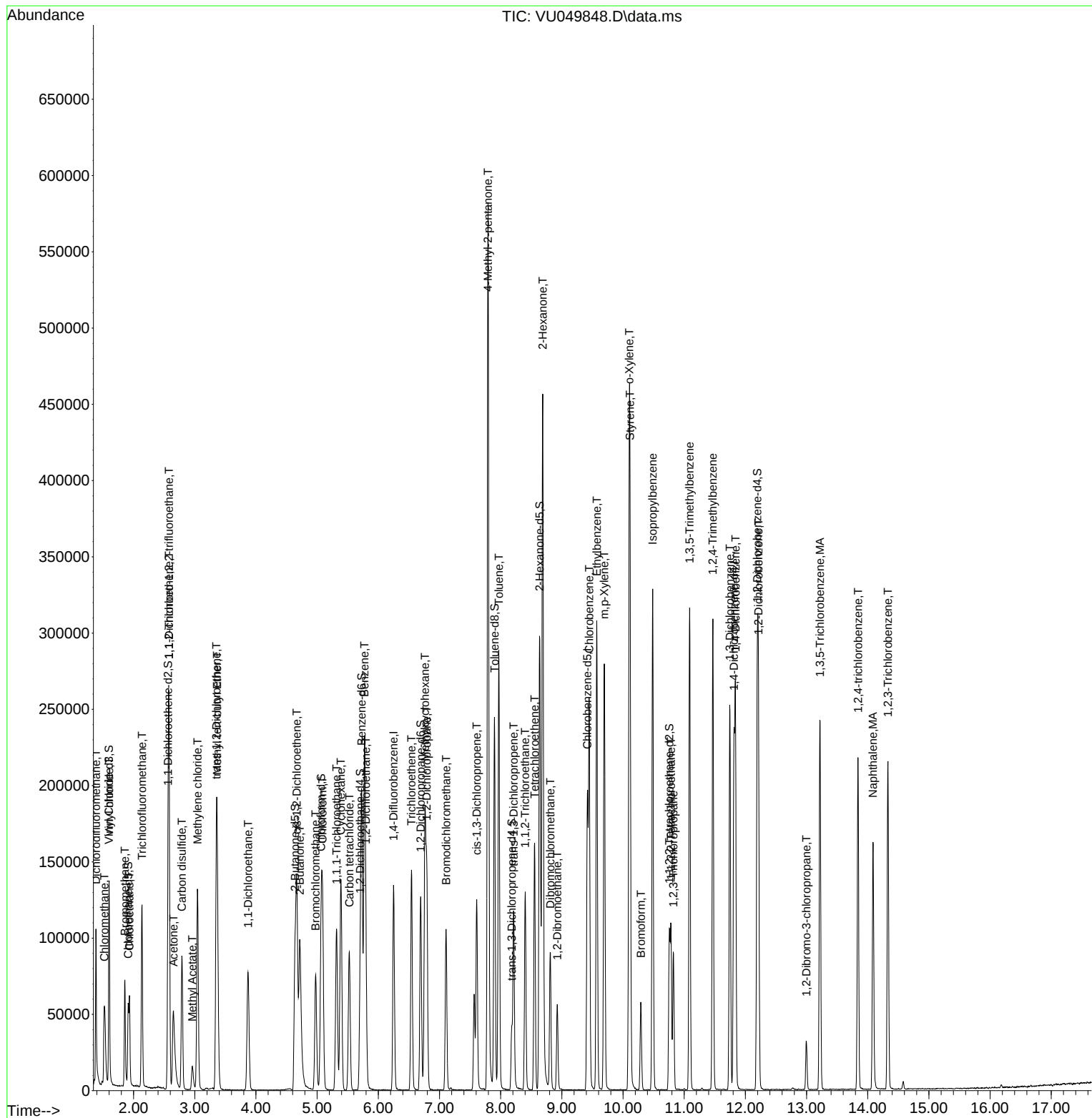
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	63505	5.212	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	76223	5.464	ug/L	99
30) Cyclohexane	5.388	56	68267	6.044	ug/L	99
31) Carbon tetrachloride	5.526	117	61919	5.467	ug/L	97
33) Benzene	5.774	78	194916	5.406	ug/L	100
34) Trichloroethene	6.543	95	47650	5.451	ug/L	100
35) Methylcyclohexane	6.764	83	63543	5.893	ug/L	100
37) 1,2-Dichloropropane	6.793	63	55378	5.389	ug/L	99
38) Bromodichloromethane	7.108	83	66979	5.217	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	69213	5.111	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	393940	54.960	ug/L	100
42) Toluene	7.970	91	200939	5.572	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	65031	5.562	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	37951	5.175	ug/L	96
47) Tetrachloroethene	8.555	164	32413	5.386	ug/L	94
48) 2-Hexanone	8.687	43	298328	55.765	ug/L	97
49) Dibromochloromethane	8.813	129	44238	5.397	ug/L	96
50) 1,2-Dibromoethane	8.925	107	35224	5.408	ug/L	99
51) Chlorobenzene	9.446	112	126213	5.513	ug/L	99
52) Ethylbenzene	9.571	91	208250	5.616	ug/L	100
53) m,p-Xylene	9.694	106	76269	5.591	ug/L	99
54) o-Xylene	10.102	106	76389	5.667	ug/L	100
55) Styrene	10.115	104	129830	5.687	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	50238	5.303	ug/L	97
59) Bromoform	10.292	173	24412	5.161	ug/L	99
60) Isopropylbenzene	10.484	105	198206	5.513	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	37923	5.237	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	165722	5.455	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	163027	5.529	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	95515	5.373	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	92758	5.274	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	92701	5.279	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8348	5.154	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	72107	5.494	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	63180	5.734	ug/L	97
71) Naphthalene	14.086	128	128352	5.975	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	61976	5.852	ug/L	98

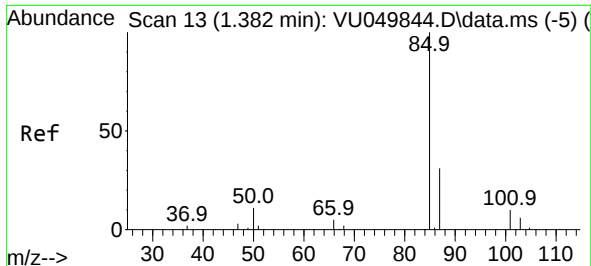
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Data File : VU049848.D
Acq On : 22 Jul 2022 13:56
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Quant Time: Jul 23 01:00:14 2022
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QLast Update : Sat Jul 23 00:51:56 2022
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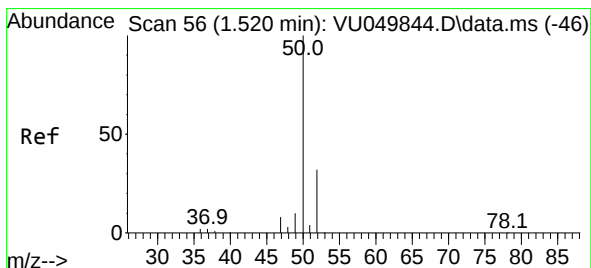
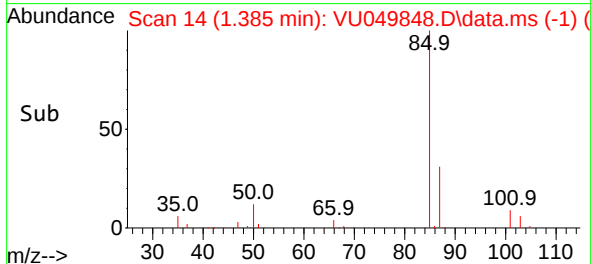
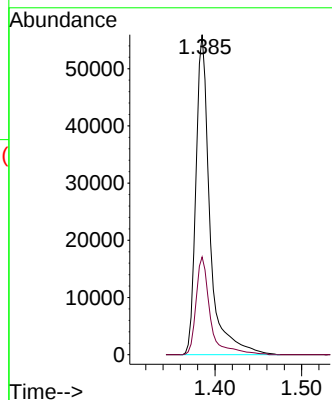
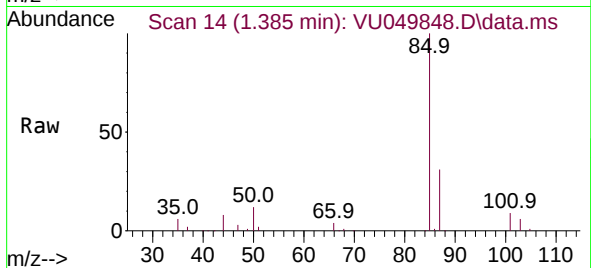




#2
Dichlorodifluoromethane
Concen: 5.884 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

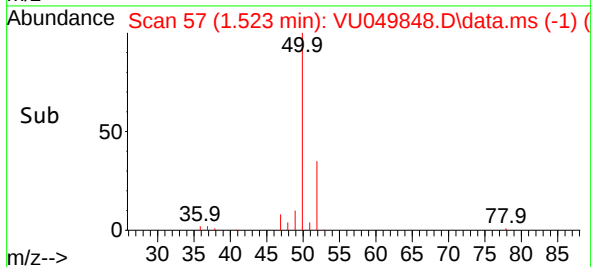
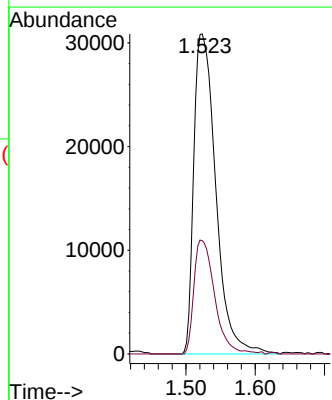
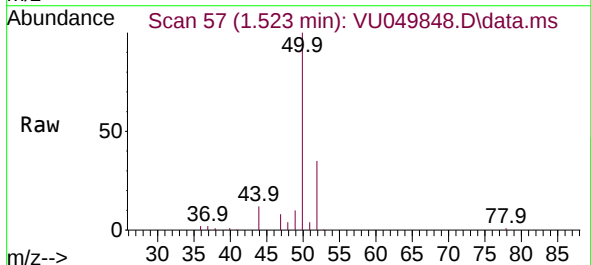
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

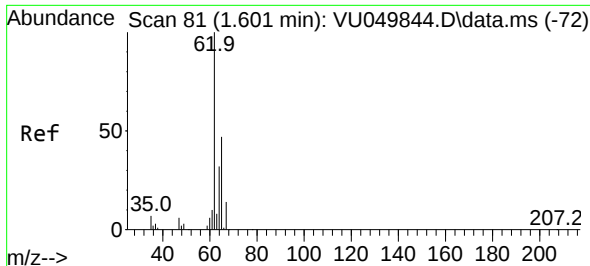
Tgt Ion: 85 Resp: 62924
Ion Ratio Lower Upper
85 100
87 31.0 25.4 38.2



#3
Chloromethane
Concen: 5.183 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion: 50 Resp: 68199
Ion Ratio Lower Upper
50 100
52 35.4 22.5 41.7

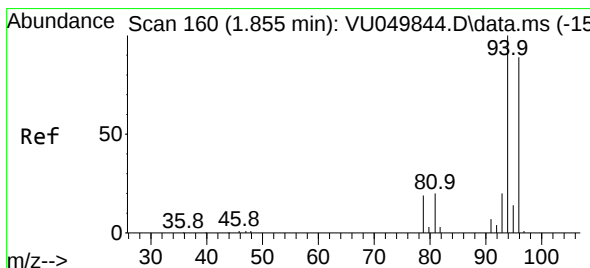
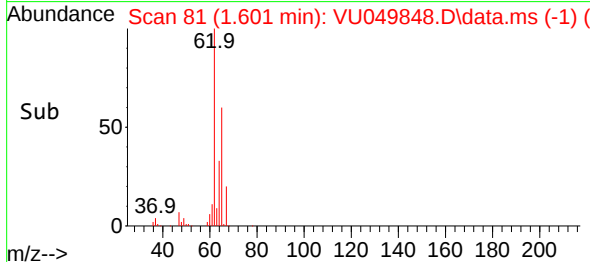
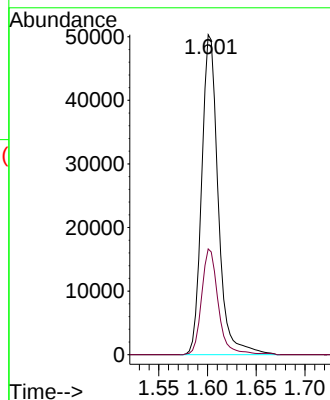
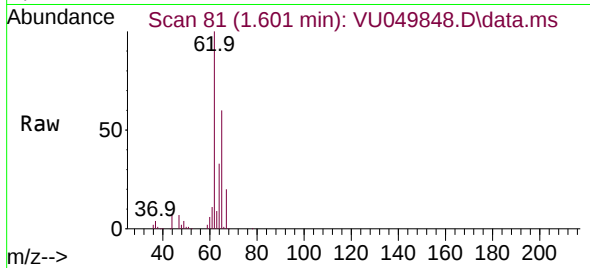




#5
 Vinyl chloride
 Concen: 5.390 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049848.D
 Acq: 22 Jul 2022 13:56

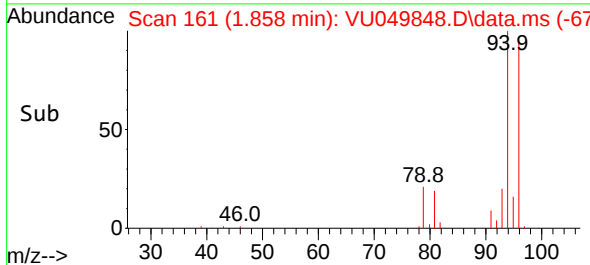
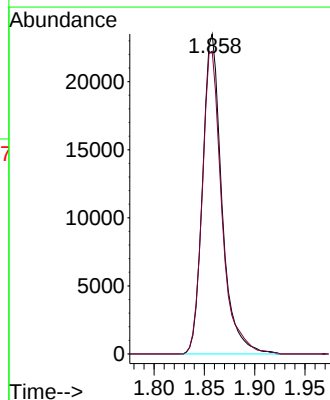
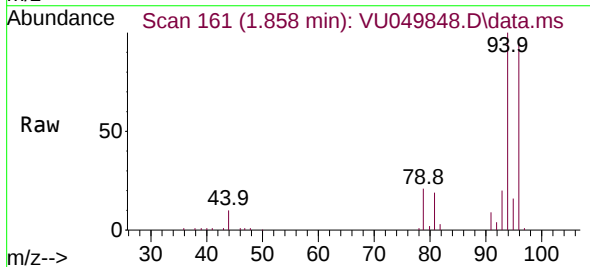
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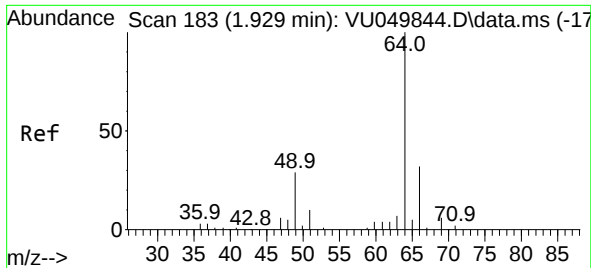
Tgt Ion: 62 Resp: 59291
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.7 42.3



#6
 Bromomethane
 Concen: 5.242 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU049848.D
 Acq: 22 Jul 2022 13:56

Tgt Ion: 94 Resp: 31186
 Ion Ratio Lower Upper
 94 100
 96 94.6 62.6 116.3

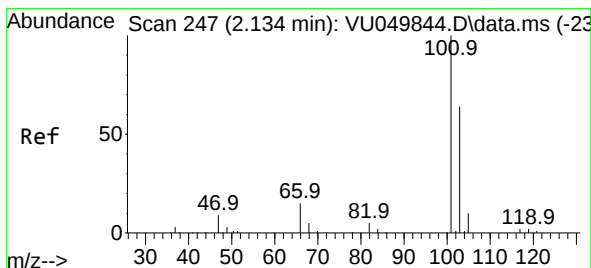
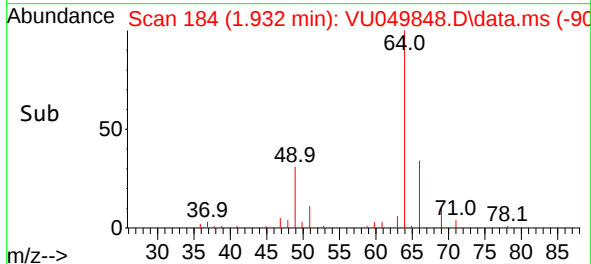
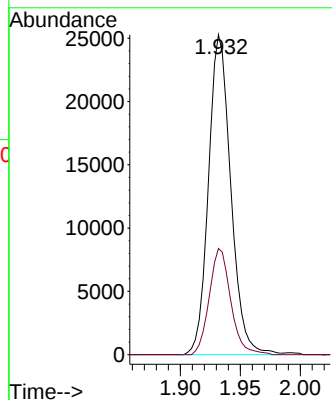
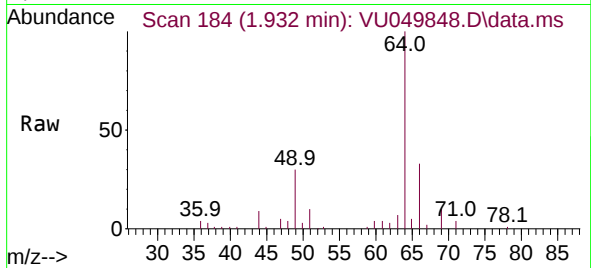




#8
Chloroethane
Concen: 5.159 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

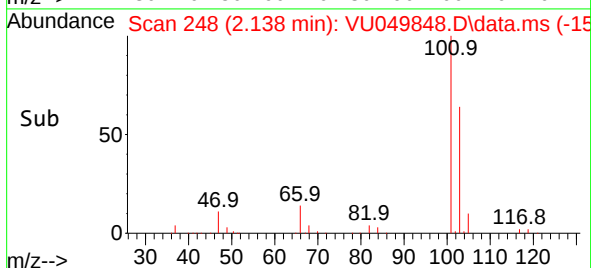
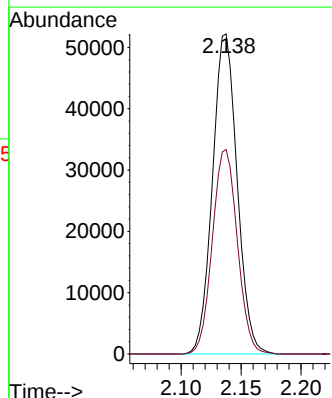
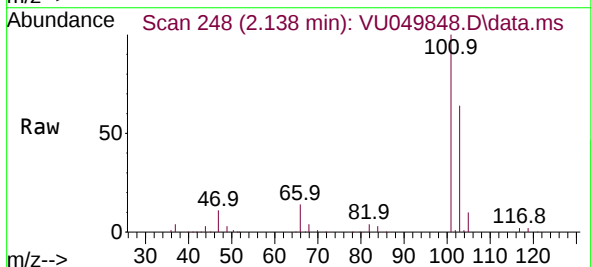
Instrument :
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ClientSampleId :
VSTD005126

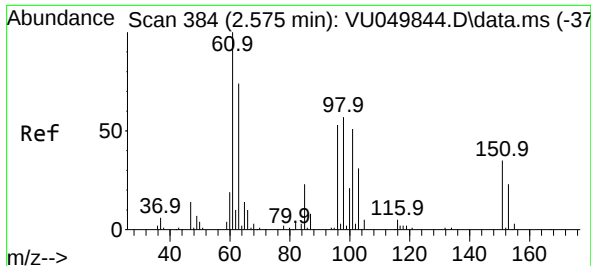
Tgt Ion: 64 Resp: 32705
Ion Ratio Lower Upper
64 100
66 33.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.518 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion:101 Resp: 74635
Ion Ratio Lower Upper
101 100
103 64.6 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.851 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD005126

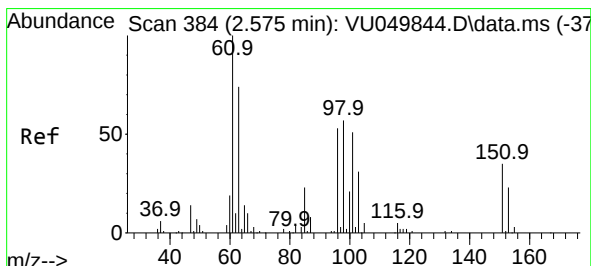
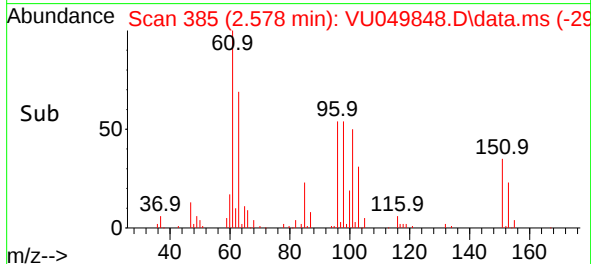
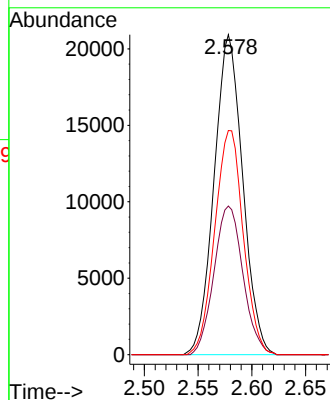
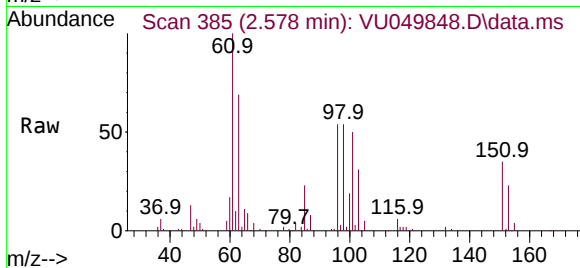
Tgt Ion:101 Resp: 38702

Ion Ratio Lower Upper

101 100

85 47.1 37.2 55.8

151 69.9 56.0 84.0



#12

1,1-Dichloroethene

Concen: 5.415 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

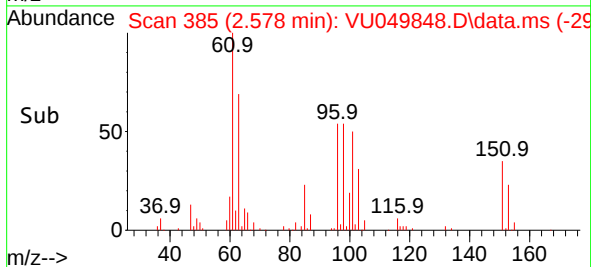
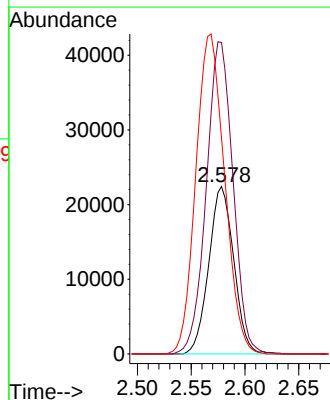
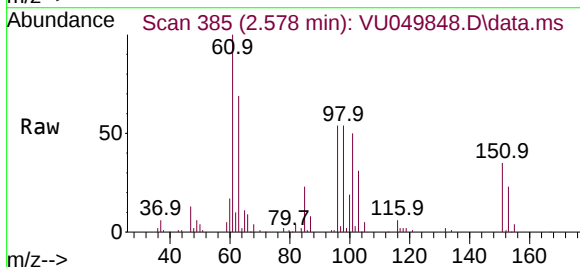
Tgt Ion: 96 Resp: 36244

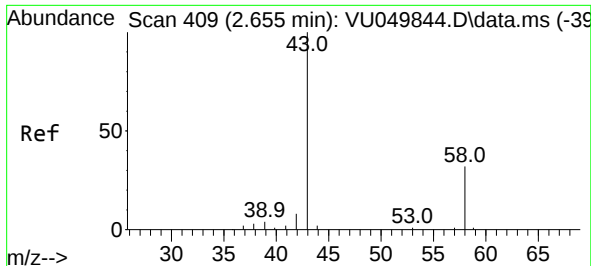
Ion Ratio Lower Upper

96 100

61 186.1 131.6 244.4

63 129.2 100.0 185.6





#13

Acetone

Concen: 54.925 ug/L

RT: 2.652 min Scan# 409

Delta R.T. -0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

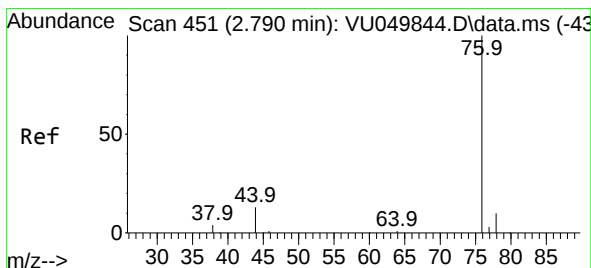
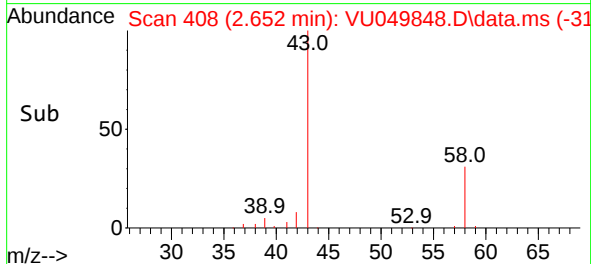
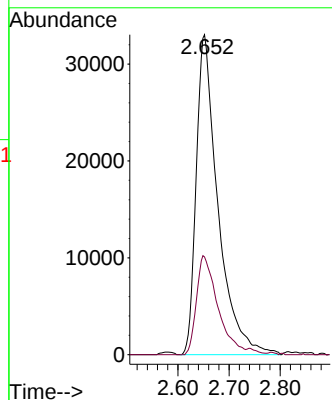
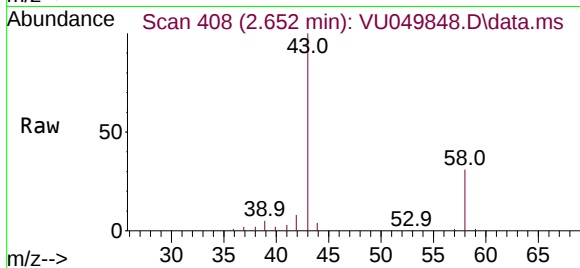
VSTD005126

Tgt Ion: 43 Resp: 97481

Ion Ratio Lower Upper

43 100

58 30.2 0.0 61.0



#14

Carbon disulfide

Concen: 5.411 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU049848.D

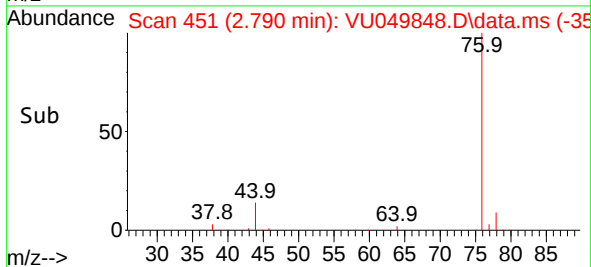
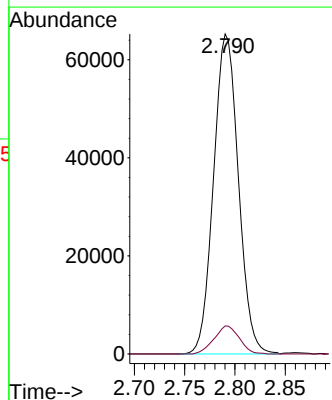
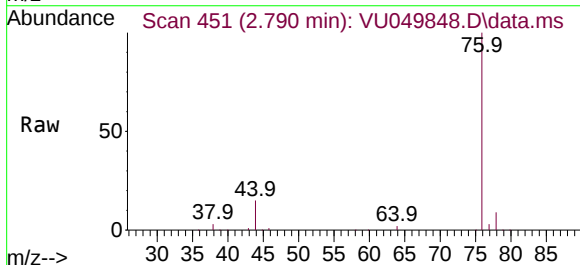
Acq: 22 Jul 2022 13:56

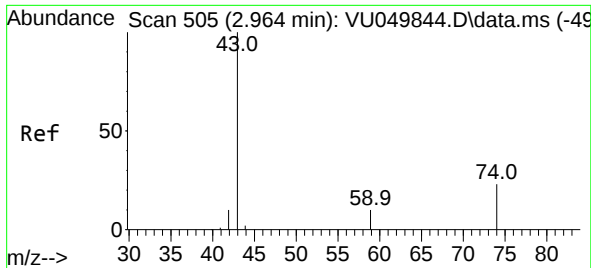
Tgt Ion: 76 Resp: 112052

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.6

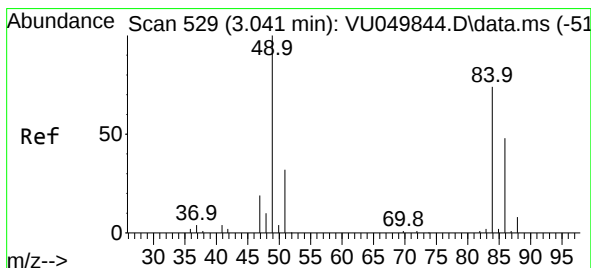
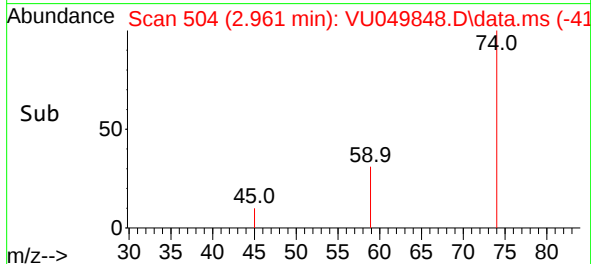
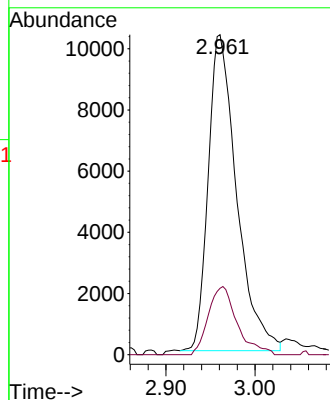
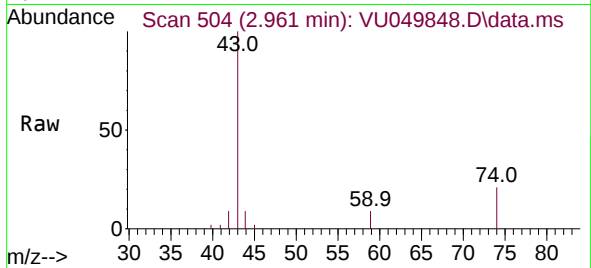




#15
Methyl Acetate
Concen: 5.175 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

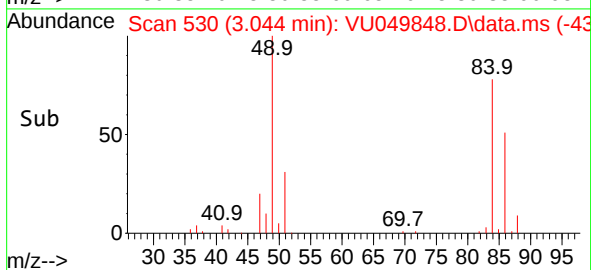
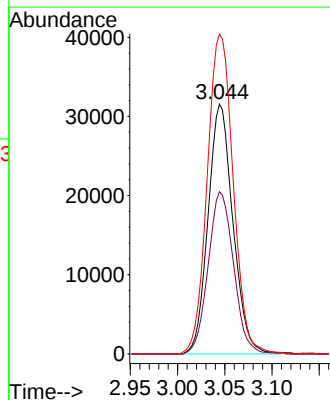
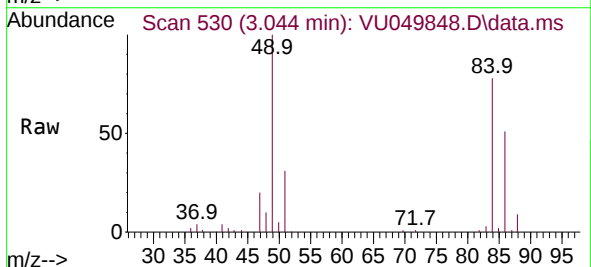
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

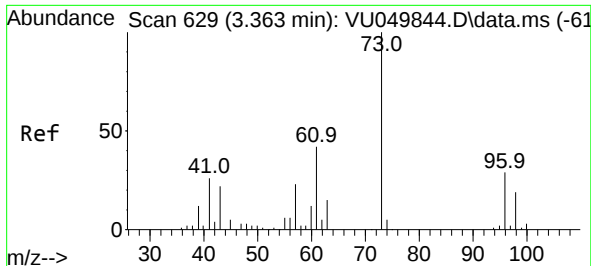
Tgt Ion: 43 Resp: 22896
Ion Ratio Lower Upper
43 100
74 21.7 17.1 25.7



#16
Methylene chloride
Concen: 3.829 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion: 84 Resp: 57814
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 128.2 94.1 174.8

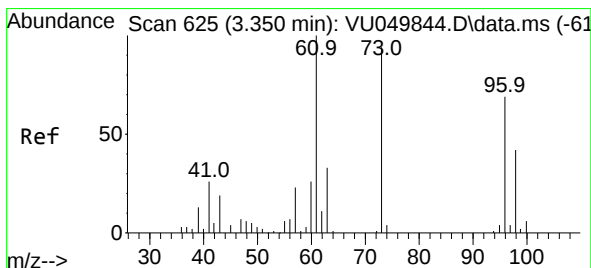
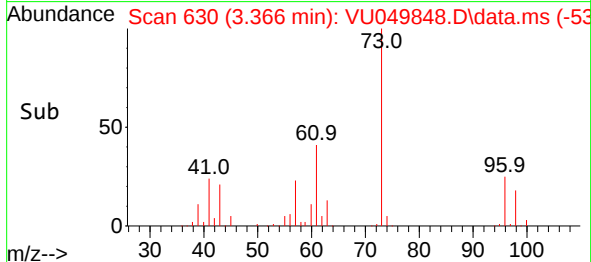
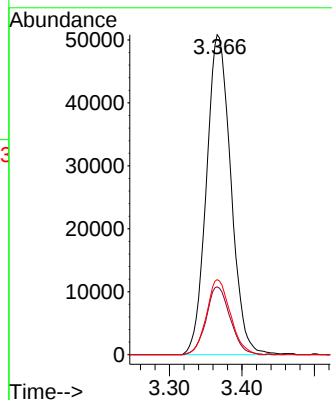
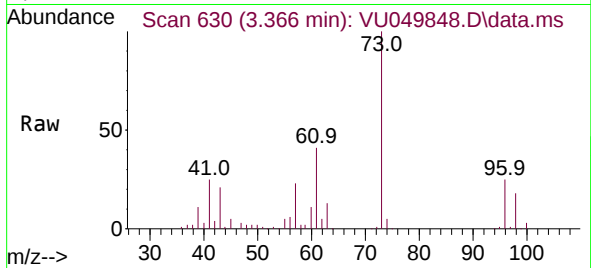




#17
Methyl tert-butyl Ether
Concen: 5.481 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

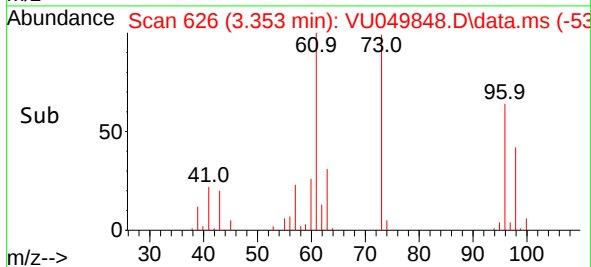
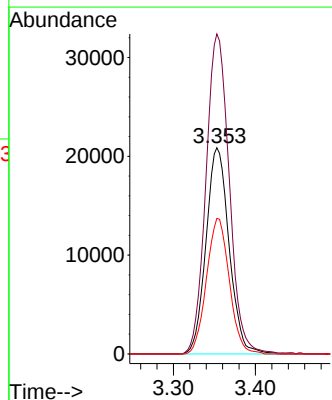
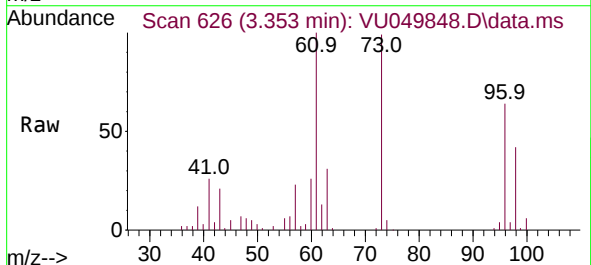
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

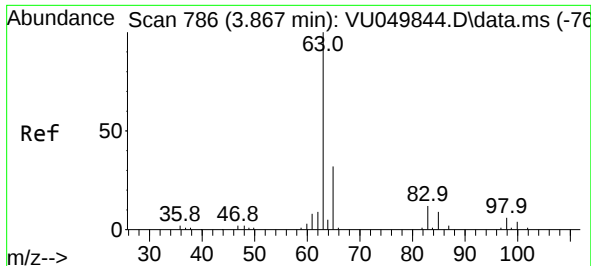
Tgt Ion: 73 Resp: 118837
Ion Ratio Lower Upper
73 100
43 20.9 17.4 26.2
57 23.0 18.7 28.1



#18
trans-1,2-Dichloroethene
Concen: 5.279 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion: 96 Resp: 40845
Ion Ratio Lower Upper
96 100
61 155.2 101.5 188.5
98 65.7 42.5 78.9





#19

1,1-Dichloroethane

Concen: 5.302 ug/L

RT: 3.871 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD005126

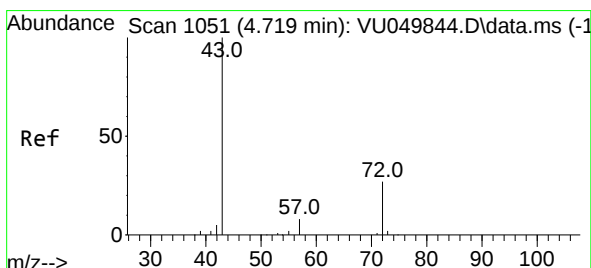
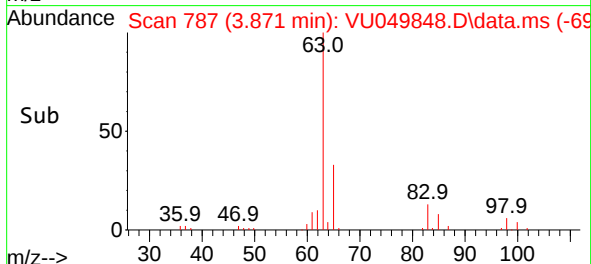
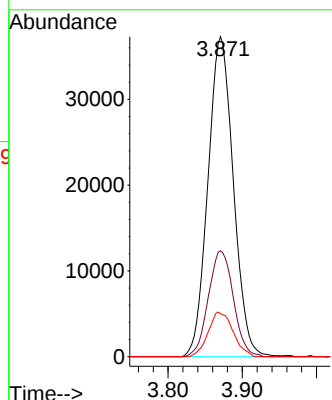
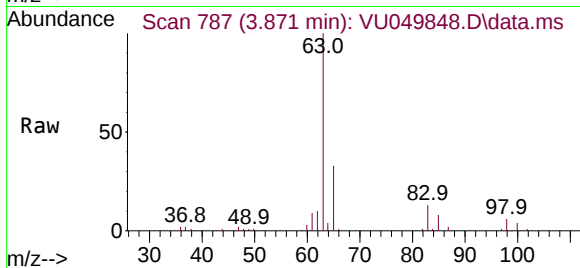
Tgt Ion: 63 Resp: 88658

Ion Ratio Lower Upper

63 100

65 33.1 22.5 41.9

83 13.5 8.3 15.5



#21

2-Butanone

Concen: 54.735 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.003 min

Lab File: VU049848.D

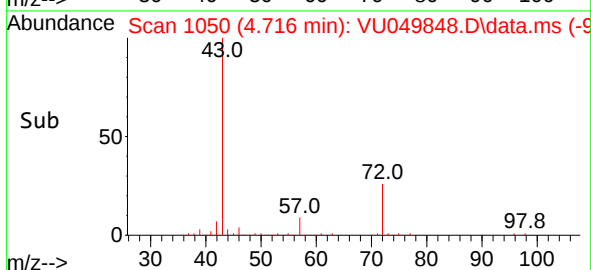
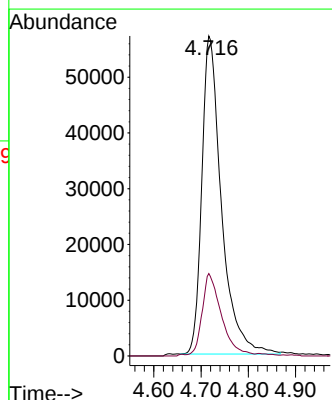
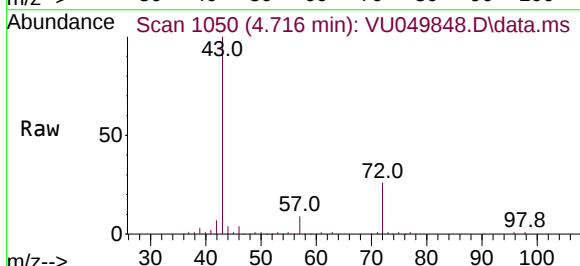
Acq: 22 Jul 2022 13:56

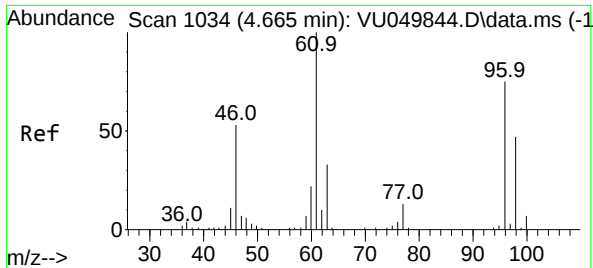
Tgt Ion: 43 Resp: 164757

Ion Ratio Lower Upper

43 100

72 24.4 11.9 35.5

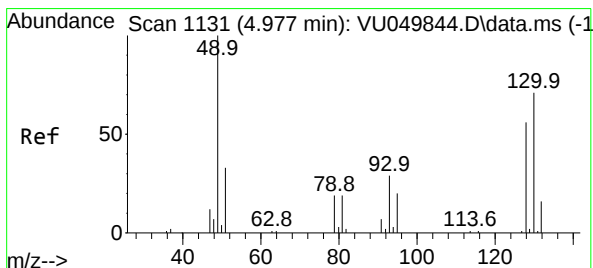
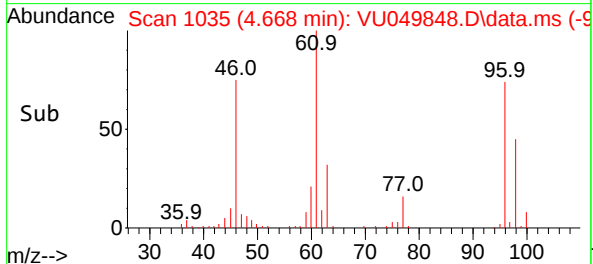
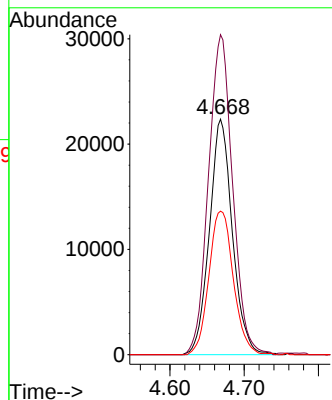
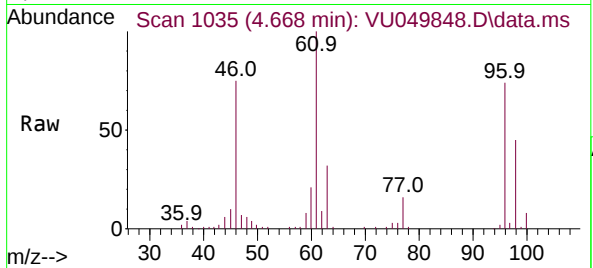




#22
 cis-1,2-Dichloroethene
 Concen: 5.375 ug/L
 RT: 4.668 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VU049848.D
 Acq: 22 Jul 2022 13:56

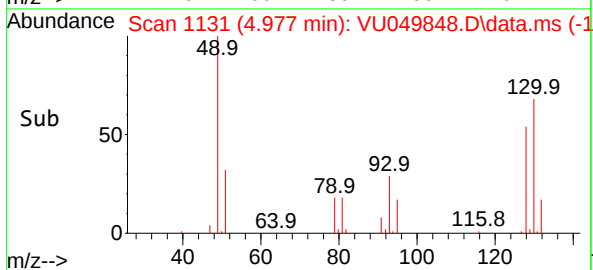
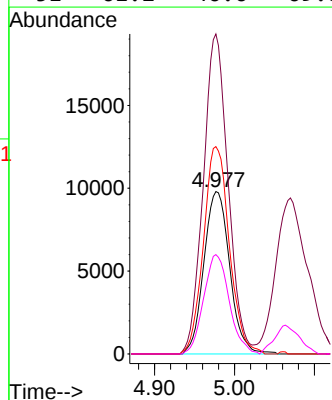
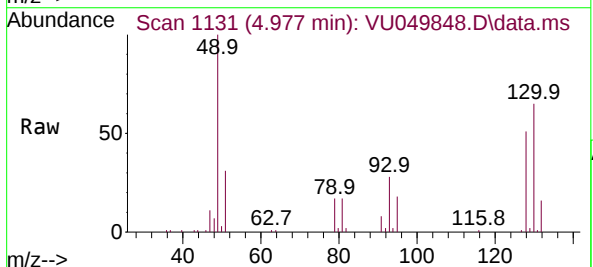
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

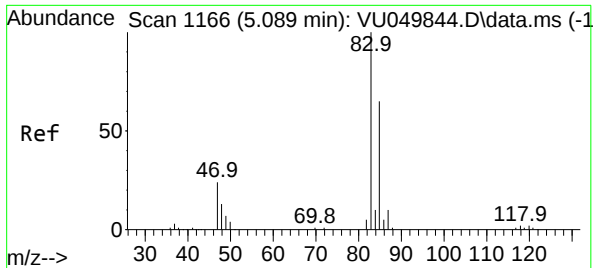
Tgt Ion: 96 Resp: 48163
 Ion Ratio Lower Upper
 96 100
 61 135.8 93.9 174.3
 98 60.9 43.9 81.5



#23
 Bromochloromethane
 Concen: 5.512 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU049848.D
 Acq: 22 Jul 2022 13:56

Tgt Ion: 128 Resp: 22065
 Ion Ratio Lower Upper
 128 100
 49 197.0 124.9 232.1
 130 127.7 88.5 164.3
 51 61.2 46.6 69.8





#25

Chloroform

Concen: 5.331 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

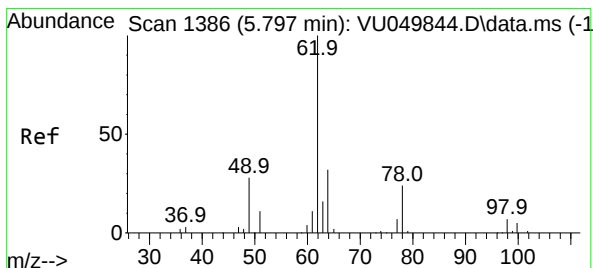
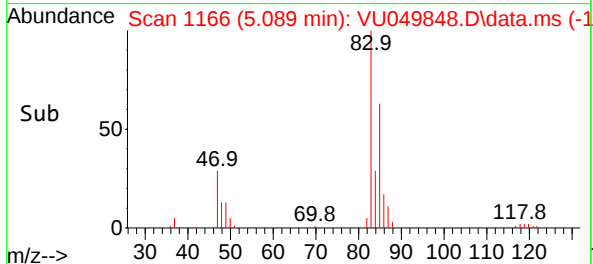
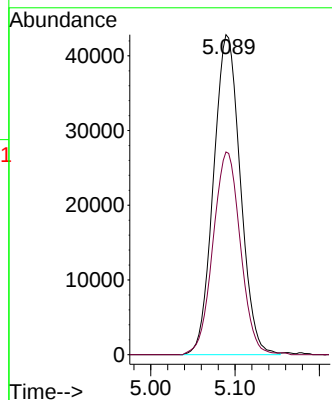
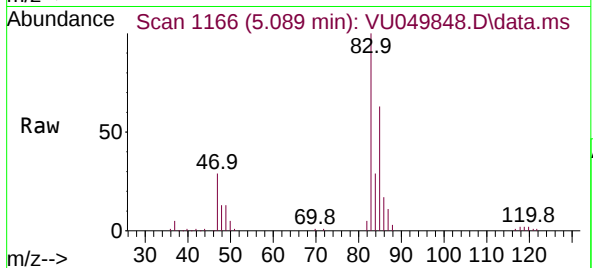
VSTD005126

Tgt Ion: 83 Resp: 94569

Ion Ratio Lower Upper

83 100

85 63.4 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.212 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049848.D

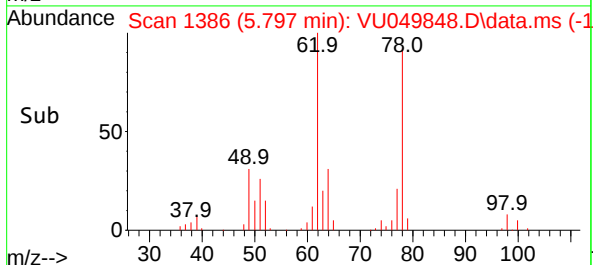
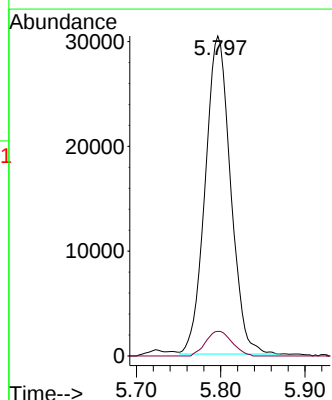
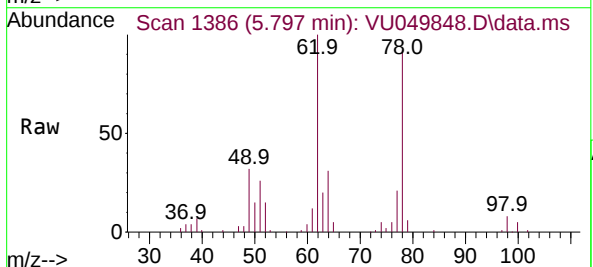
Acq: 22 Jul 2022 13:56

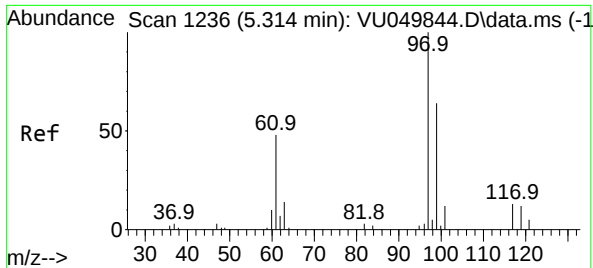
Tgt Ion: 62 Resp: 63505

Ion Ratio Lower Upper

62 100

98 7.7 5.9 8.9

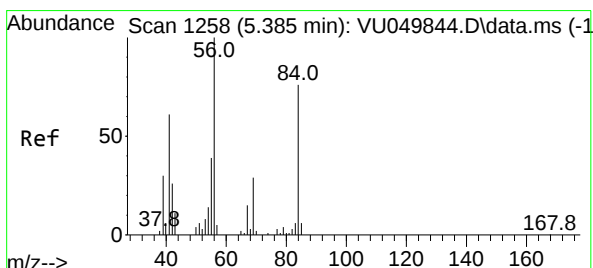
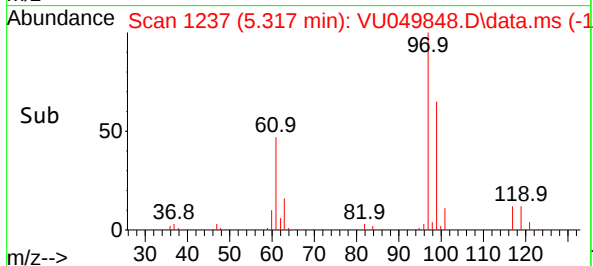
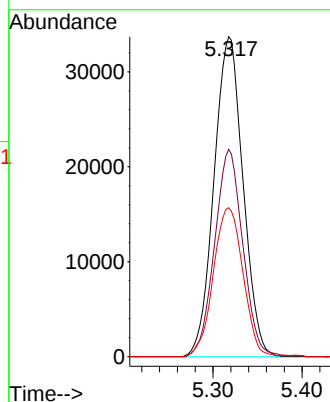
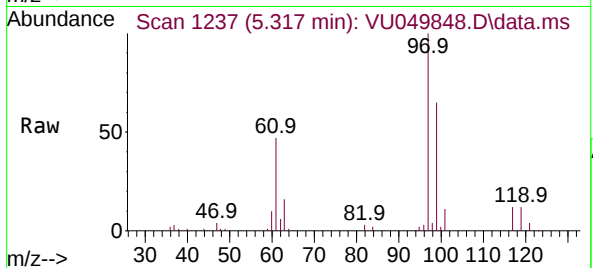




#29
1,1,1-Trichloroethane
Concen: 5.464 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

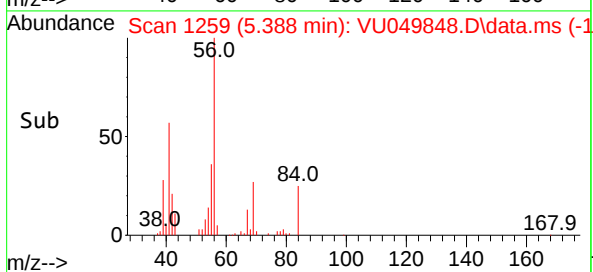
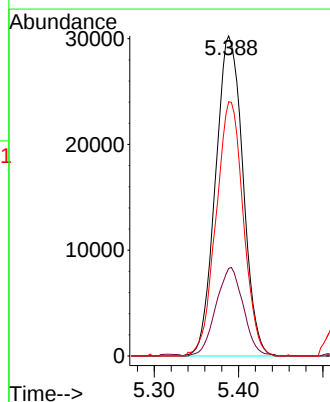
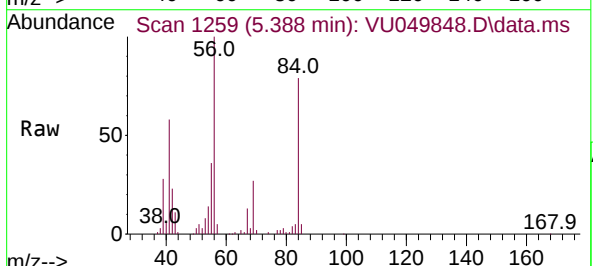
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

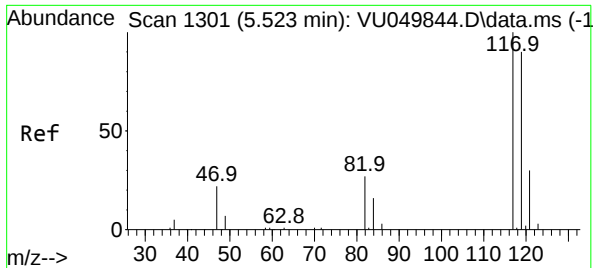
Tgt Ion:	97	Resp:	76223
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.8	77.8
61	47.5	38.3	57.5



#30
Cyclohexane
Concen: 6.044 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion:	56	Resp:	68267
Ion	Ratio	Lower	Upper
56	100		
69	27.5	22.8	34.2
84	79.1	63.0	94.6

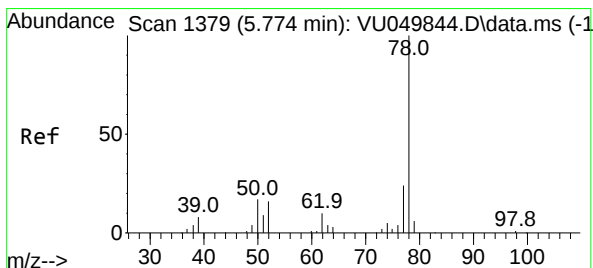
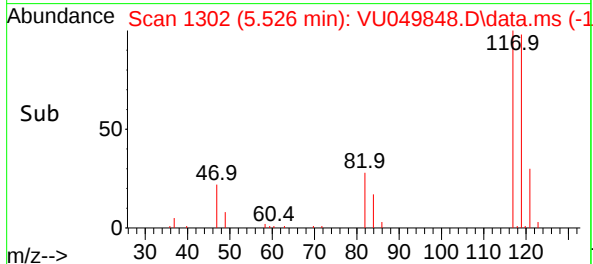
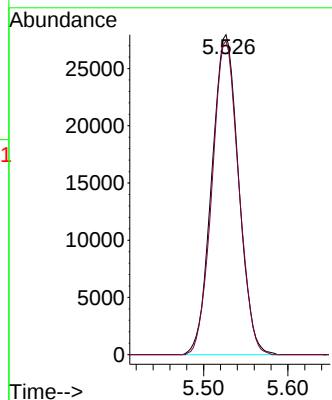
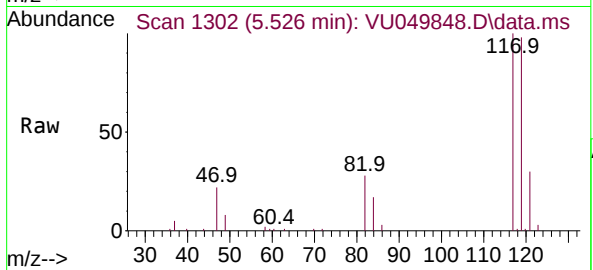




#31
Carbon tetrachloride
Concen: 5.467 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

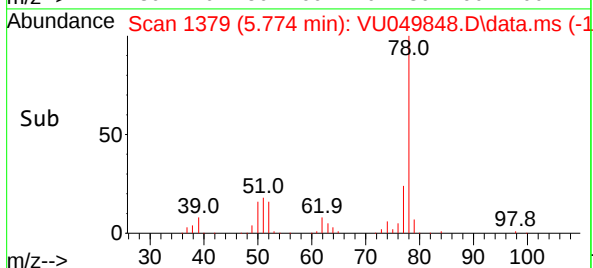
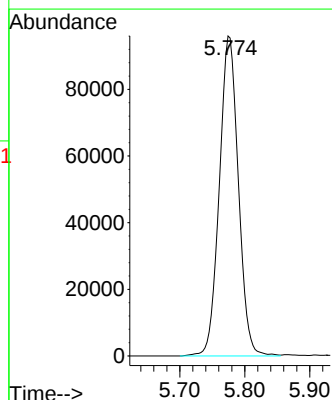
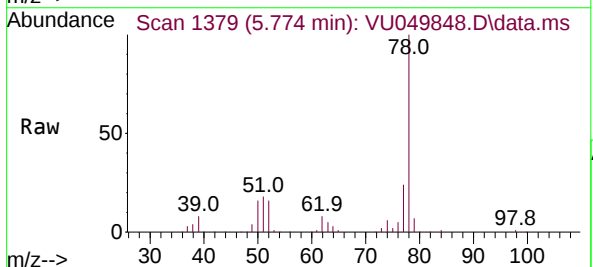
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

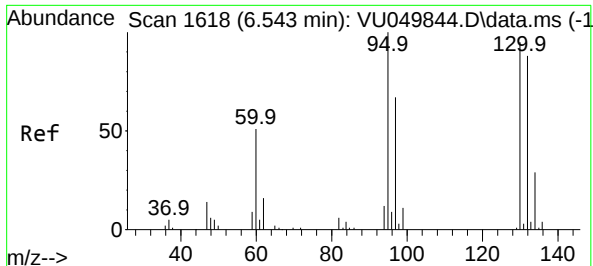
Tgt Ion:117 Resp: 61919
Ion Ratio Lower Upper
117 100
119 96.7 75.2 112.8



#33
Benzene
Concen: 5.406 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion: 78 Resp: 194916





#34

Trichloroethene

Concen: 5.451 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD005126

Tgt Ion: 95 Resp: 47650

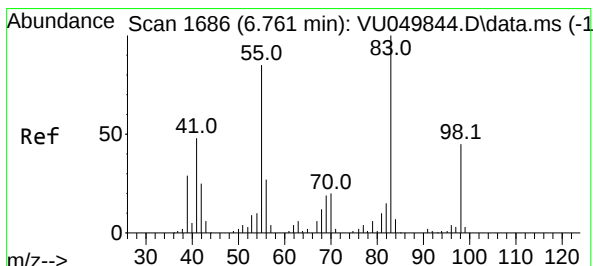
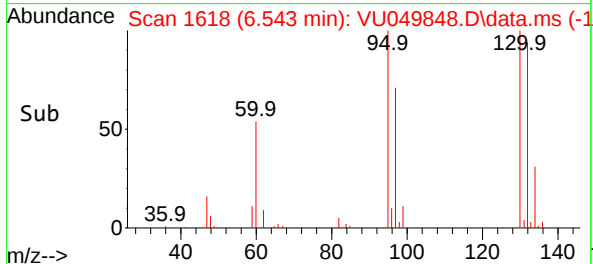
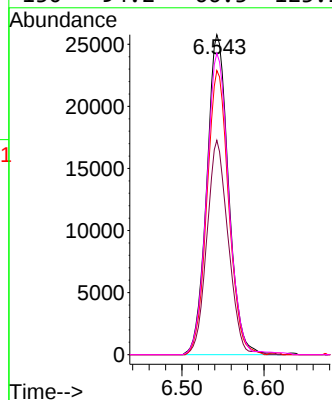
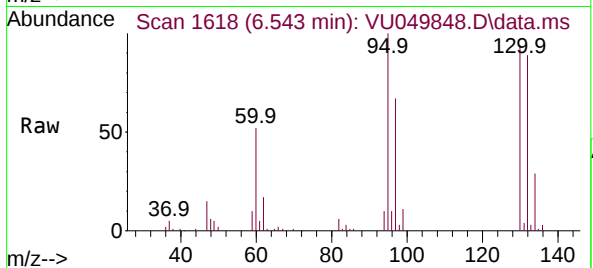
Ion Ratio Lower Upper

95 100

97 67.0 46.8 86.8

132 88.8 61.8 114.8

130 94.2 66.3 123.1



#35

Methylcyclohexane

Concen: 5.893 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

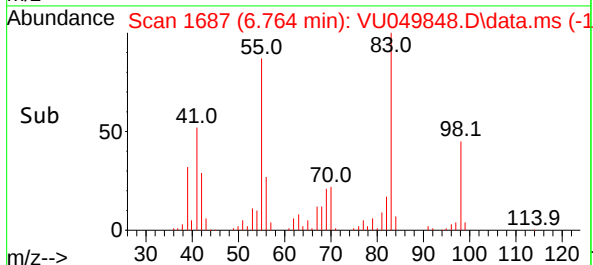
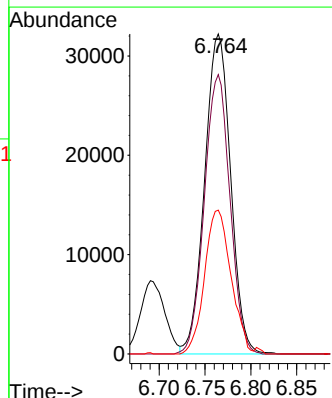
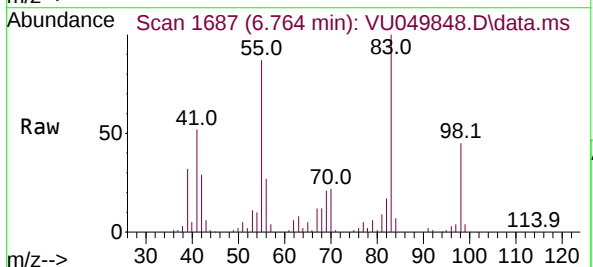
Tgt Ion: 83 Resp: 63543

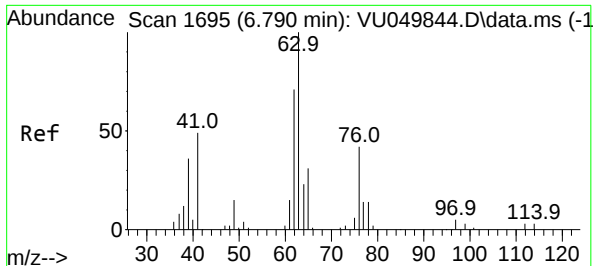
Ion Ratio Lower Upper

83 100

55 86.1 69.0 103.4

98 45.7 36.4 54.6





#37

1,2-Dichloropropane

Concen: 5.389 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

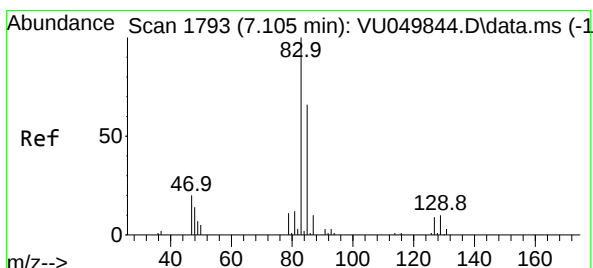
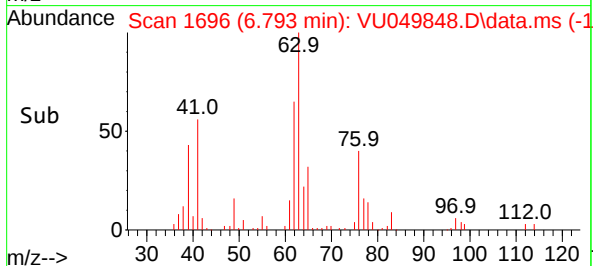
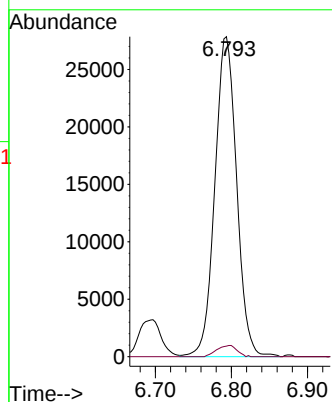
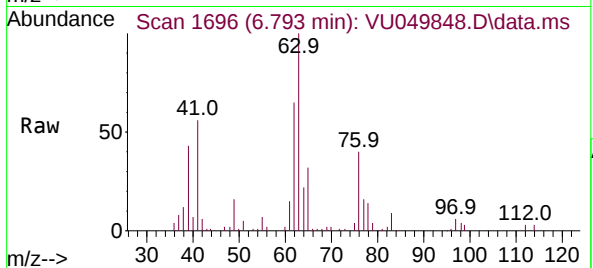
VSTD005126

Tgt Ion: 63 Resp: 55378

Ion Ratio Lower Upper

63 100

112 3.3 2.8 4.2



#38

Bromodichloromethane

Concen: 5.217 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

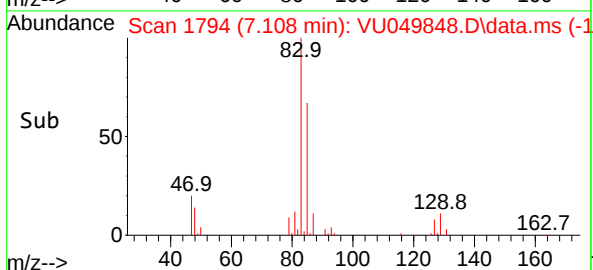
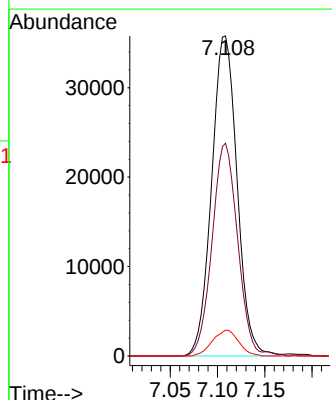
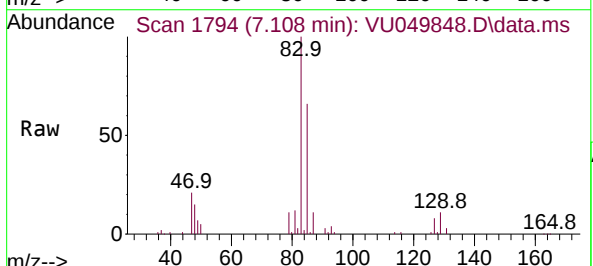
Tgt Ion: 83 Resp: 66979

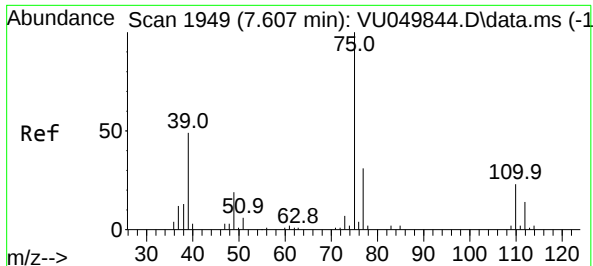
Ion Ratio Lower Upper

83 100

85 66.5 45.9 85.3

127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.111 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

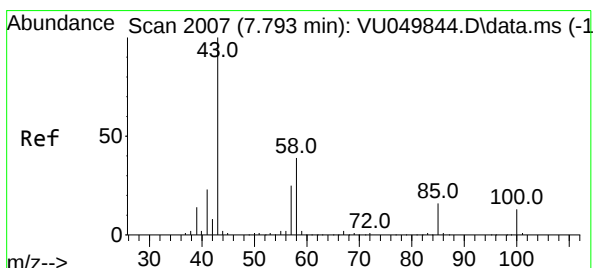
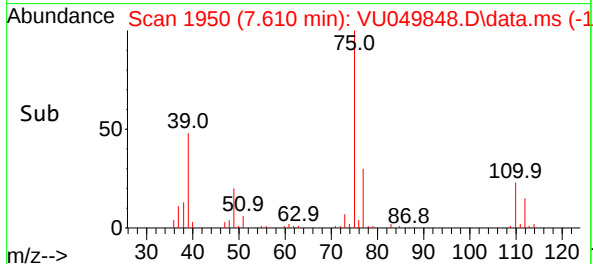
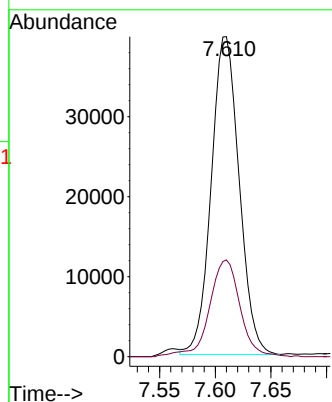
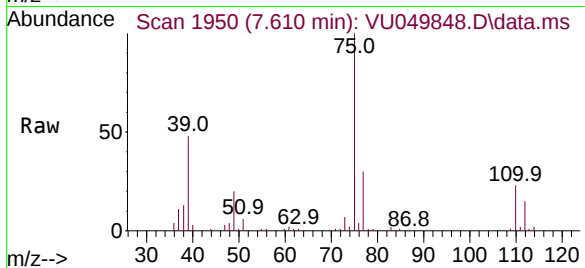
VSTD005126

Tgt Ion: 75 Resp: 69213

Ion Ratio Lower Upper

75 100

77 30.2 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 54.960 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

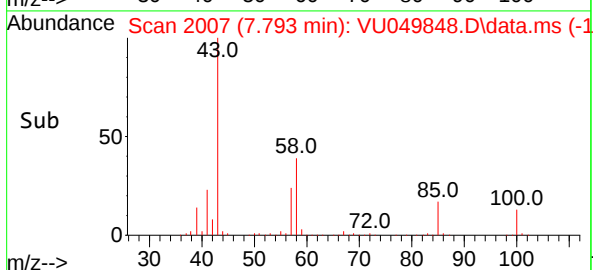
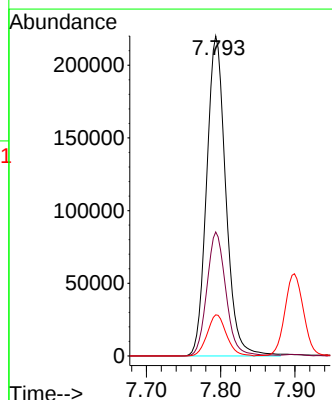
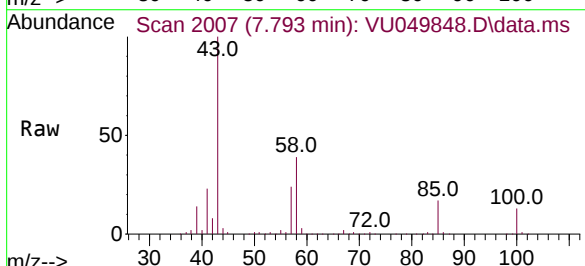
Tgt Ion: 43 Resp: 393940

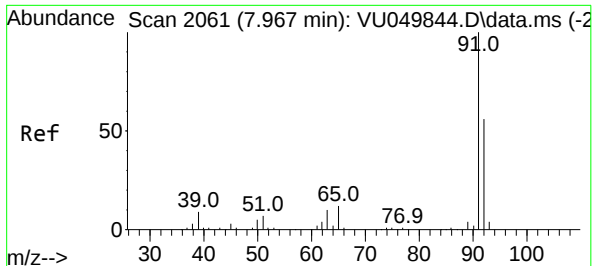
Ion Ratio Lower Upper

43 100

58 38.5 31.0 46.4

100 12.9 10.4 15.6





#42

Toluene

Concen: 5.572 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

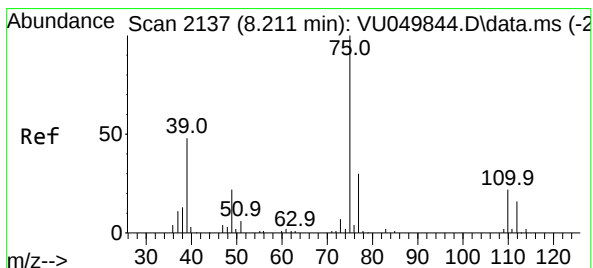
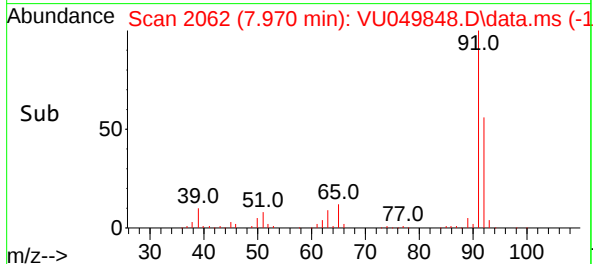
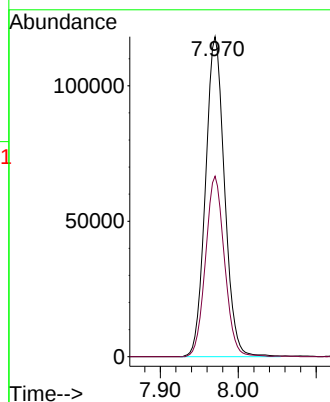
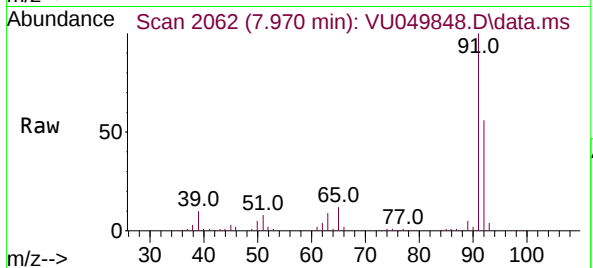
VSTD005126

Tgt Ion: 91 Resp: 200939

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.562 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049848.D

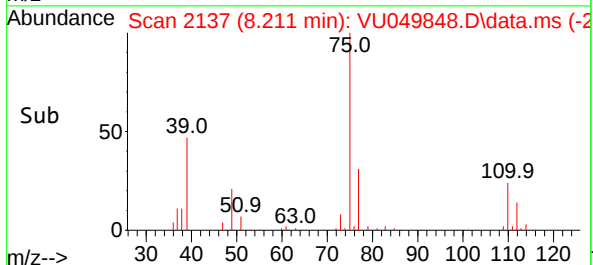
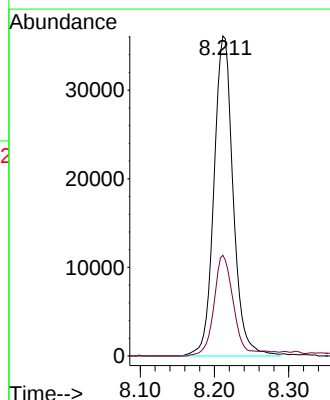
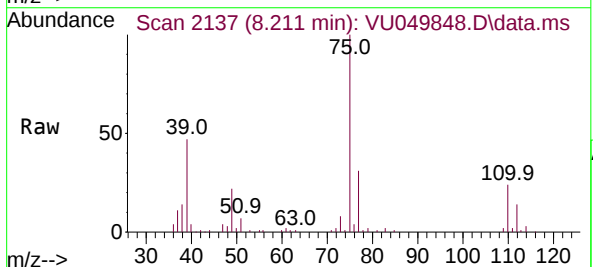
Acq: 22 Jul 2022 13:56

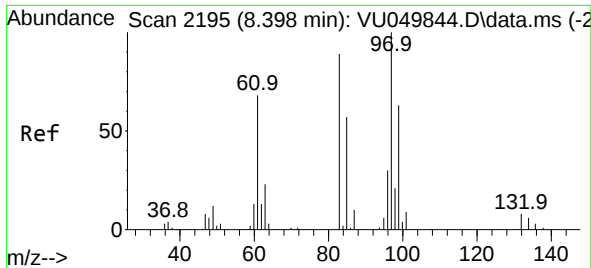
Tgt Ion: 75 Resp: 65031

Ion Ratio Lower Upper

75 100

77 31.5 21.2 39.4

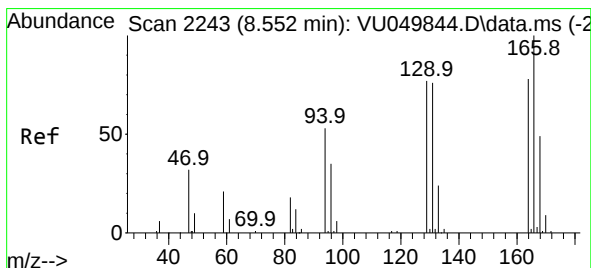
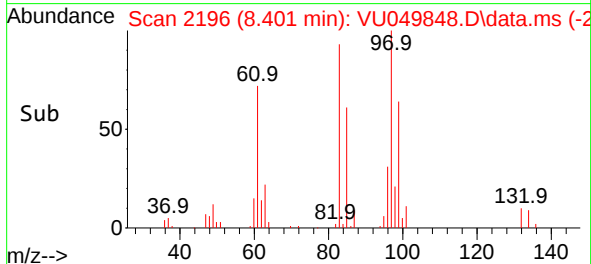
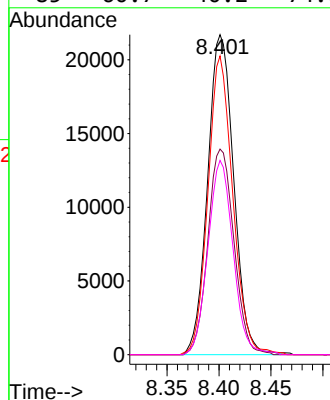
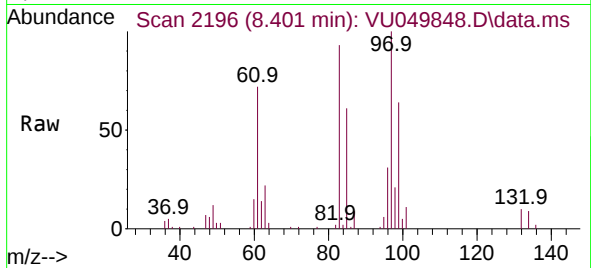




#45
1,1,2-Trichloroethane
Concen: 5.175 ug/L
RT: 8.401 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

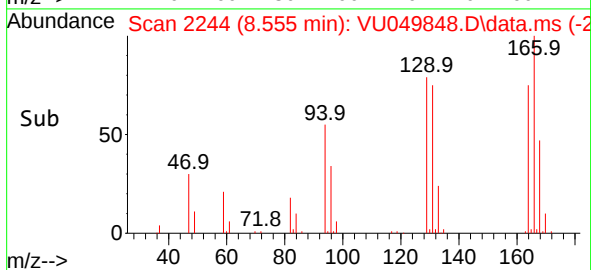
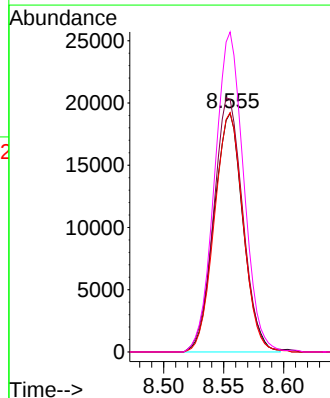
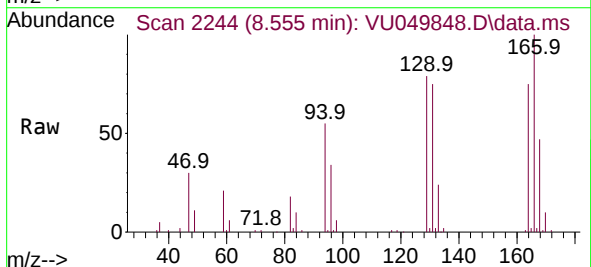
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

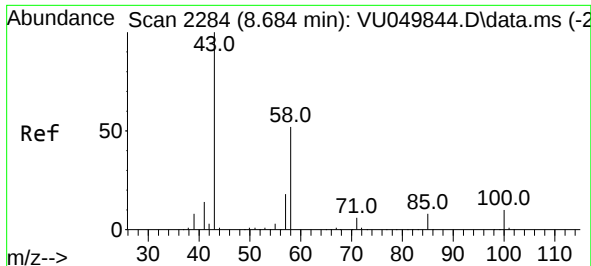
Tgt Ion:	97	Resp:	37951
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.8	81.3
83	93.3	62.4	115.8
85	60.7	40.2	74.6



#47
Tetrachloroethene
Concen: 5.386 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion:	164	Resp:	32413
Ion	Ratio	Lower	Upper
164	100		
129	105.8	68.9	127.9
131	100.3	67.5	125.4
166	134.0	89.2	165.8

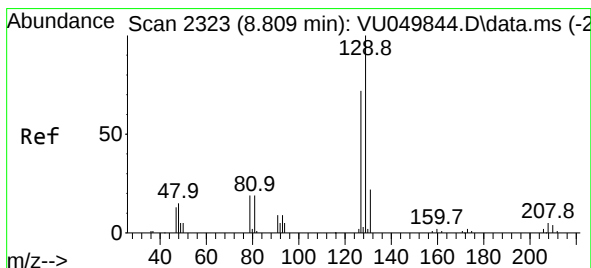
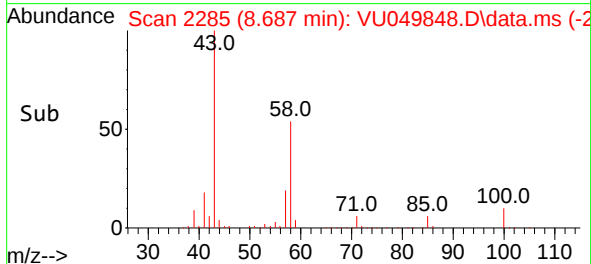
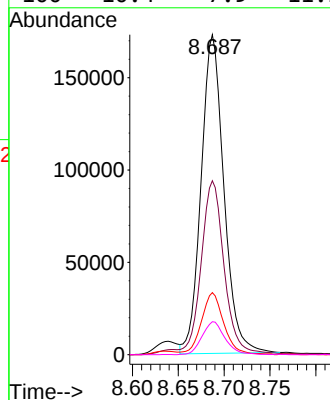
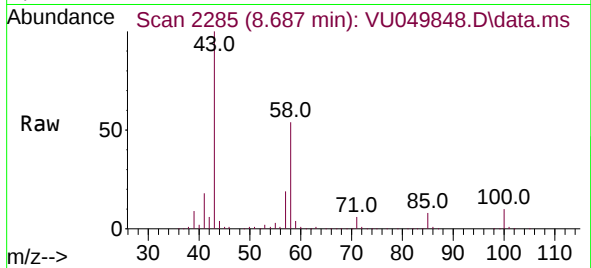




#48
2-Hexanone
Concen: 55.765 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

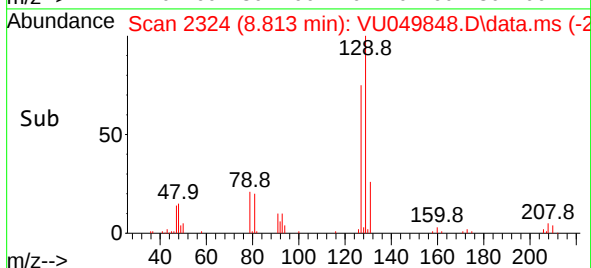
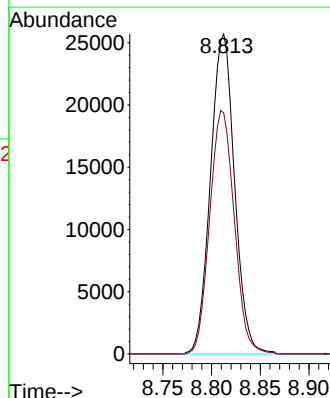
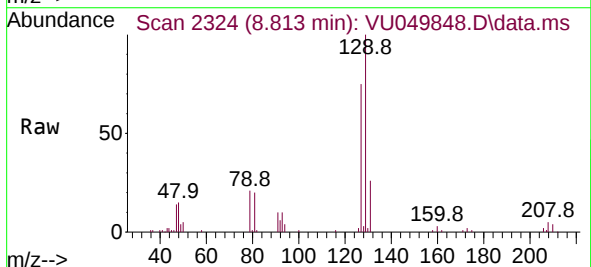
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

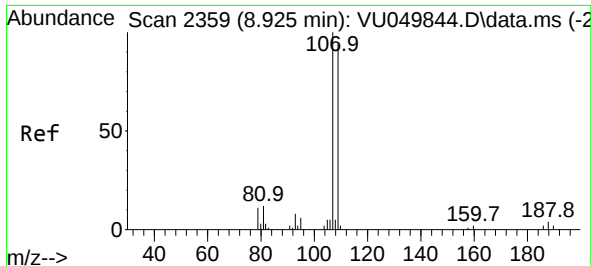
Tgt Ion:	43	Resp:	298328
Ion	Ratio	Lower	Upper
43	100		
58	54.5	42.1	63.1
57	19.3	14.3	21.5
100	10.4	7.9	11.9



#49
Dibromochloromethane
Concen: 5.397 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion:	129	Resp:	44238
Ion	Ratio	Lower	Upper
129	100		
127	75.4	50.5	93.7





#50

1,2-Dibromoethane

Concen: 5.408 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. -0.000 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD005126

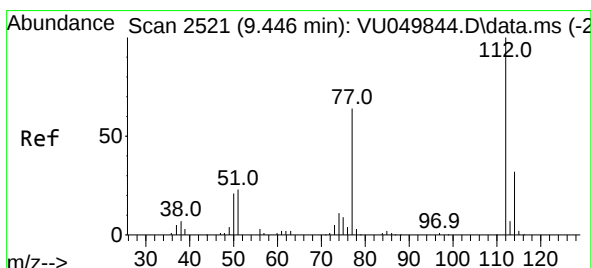
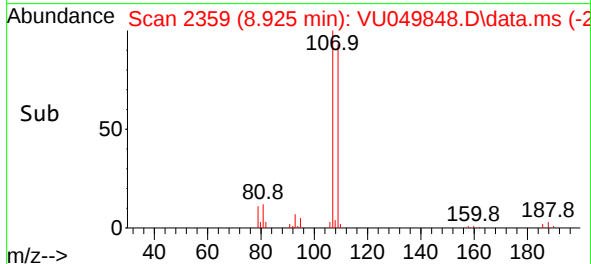
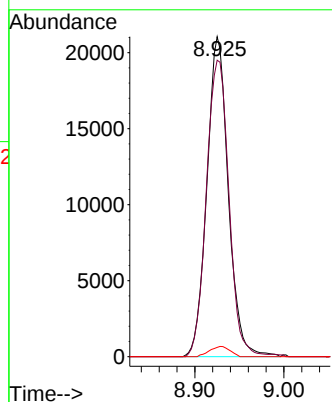
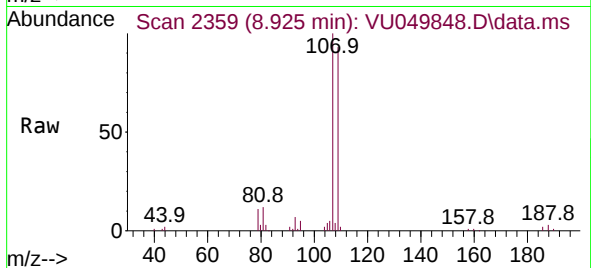
Tgt Ion:107 Resp: 35224

Ion Ratio Lower Upper

107 100

109 92.6 65.6 121.8

188 2.9 2.8 4.2



#51

Chlorobenzene

Concen: 5.513 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

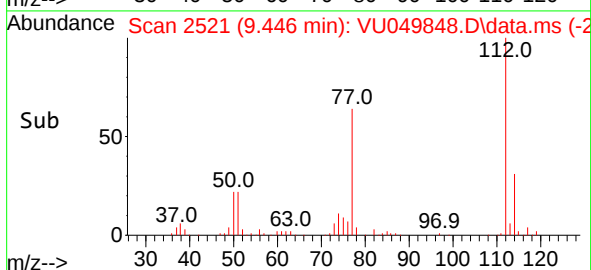
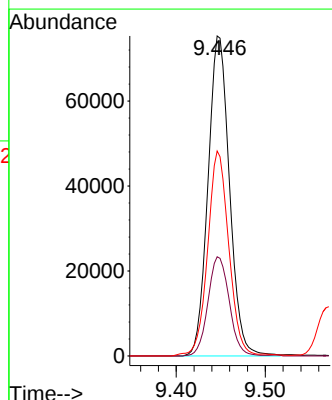
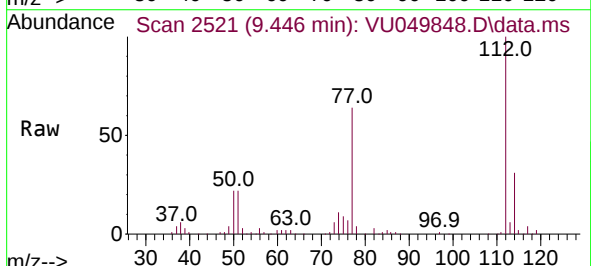
Tgt Ion:112 Resp: 126213

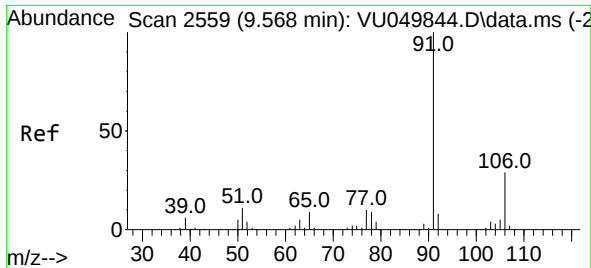
Ion Ratio Lower Upper

112 100

114 31.0 22.4 41.6

77 64.0 51.2 76.8

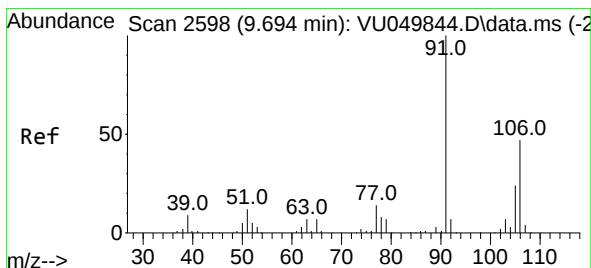
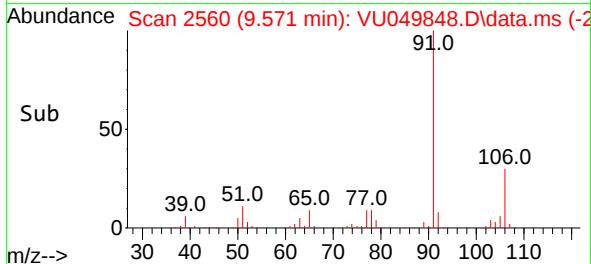
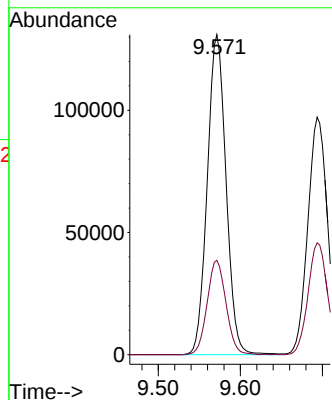
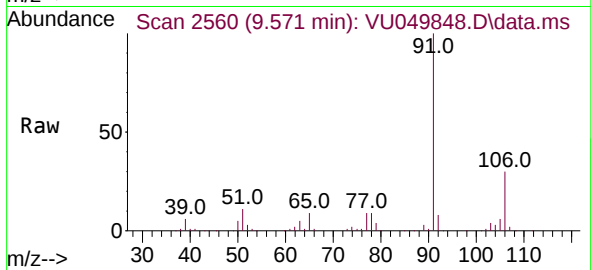




#52
Ethylbenzene
Concen: 5.616 ug/L
RT: 9.571 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

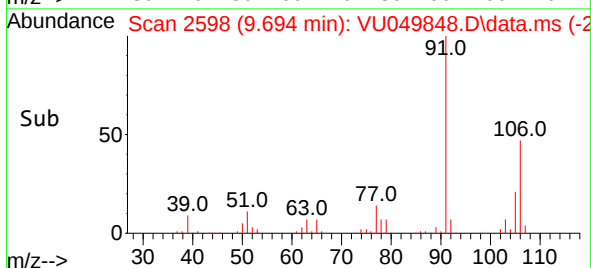
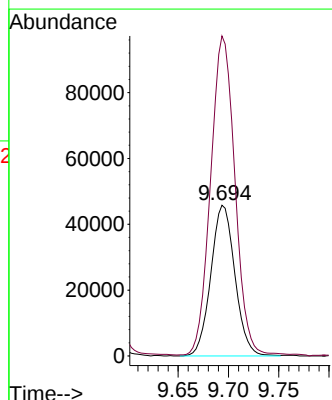
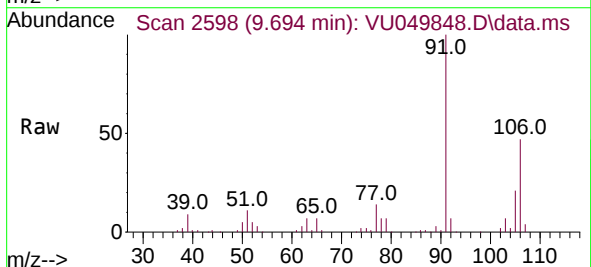
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

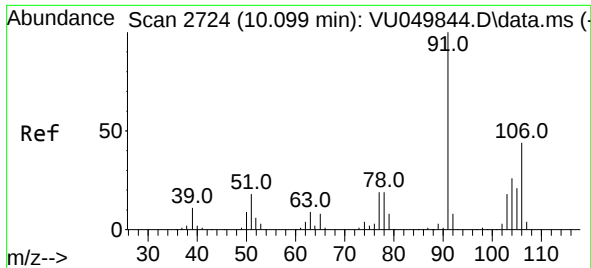
Tgt Ion: 91 Resp: 208250
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.4



#53
m,p-Xylene
Concen: 5.591 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion: 106 Resp: 76269
Ion Ratio Lower Upper
106 100
91 212.2 149.7 277.9

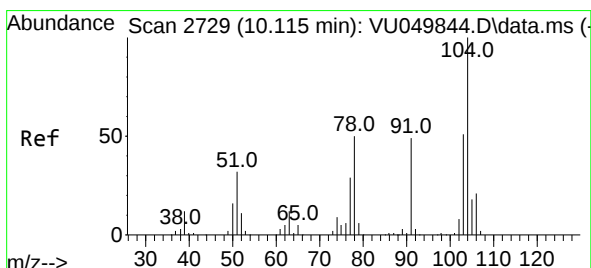
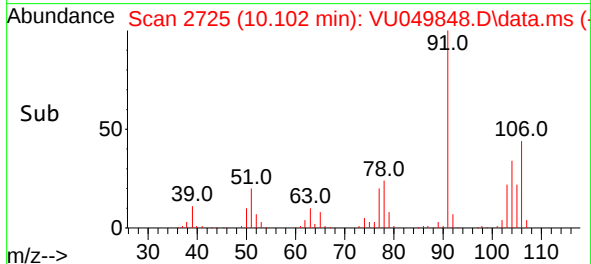
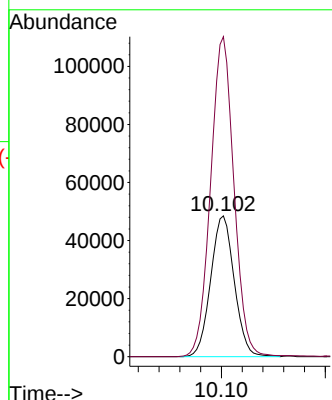
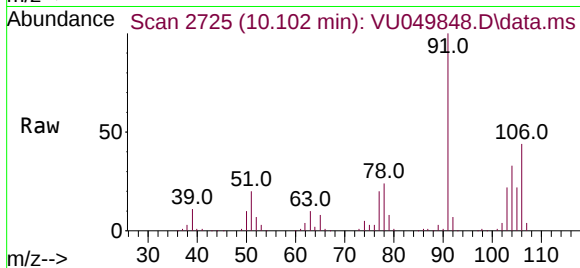




#54
o-Xylene
Concen: 5.667 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

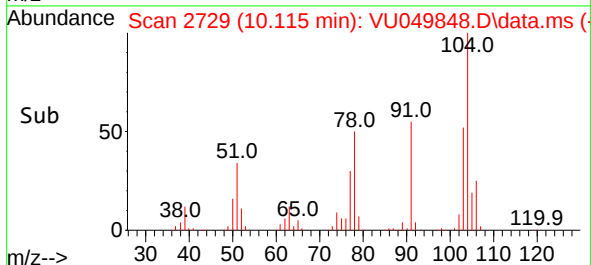
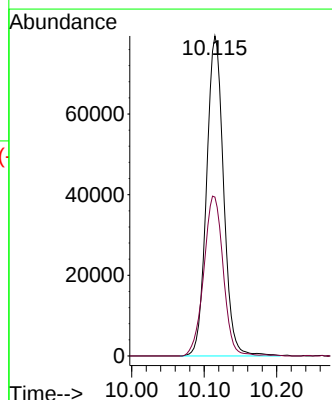
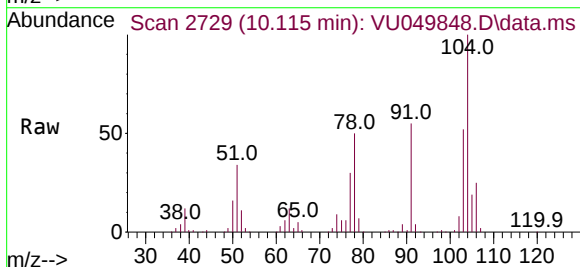
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

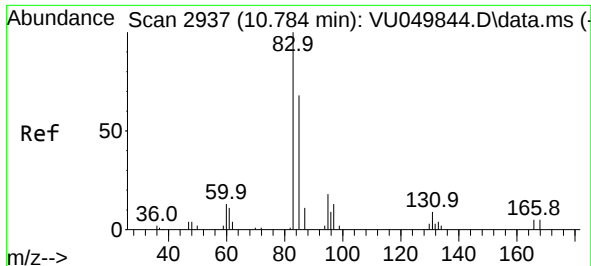
Tgt Ion:106 Resp: 76389
Ion Ratio Lower Upper
106 100
91 227.3 159.4 296.0



#55
Styrene
Concen: 5.687 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion:104 Resp: 129830
Ion Ratio Lower Upper
104 100
78 49.7 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.303 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD005126

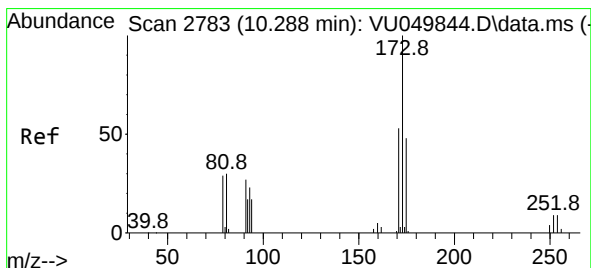
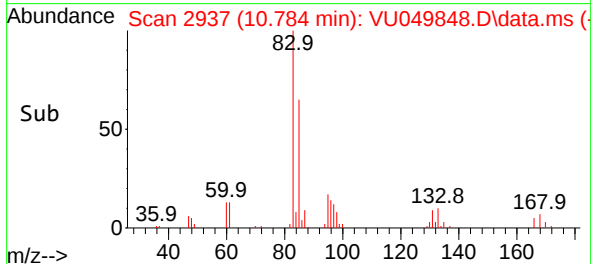
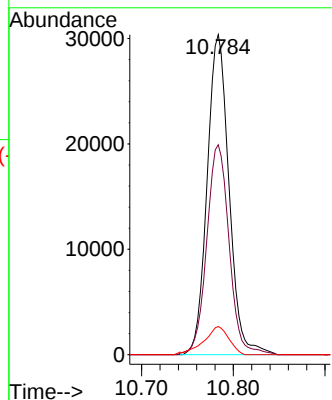
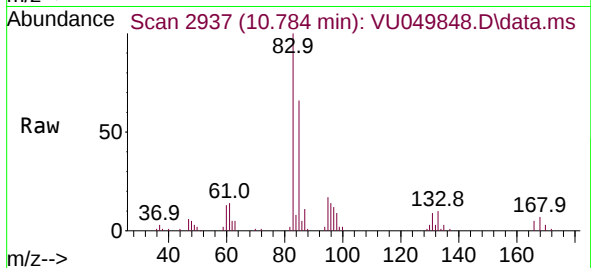
Tgt Ion: 83 Resp: 50238

Ion Ratio Lower Upper

83 100

85 65.6 47.9 89.1

131 8.8 7.3 10.9



#59

Bromoform

Concen: 5.161 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

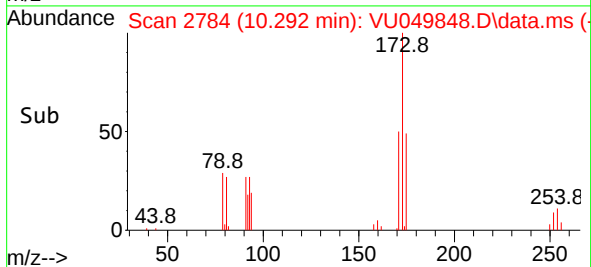
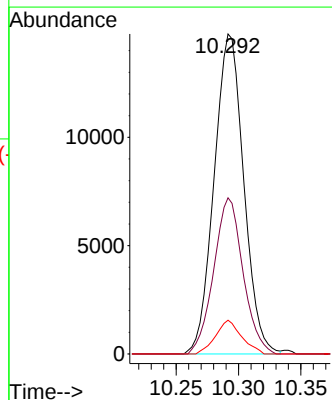
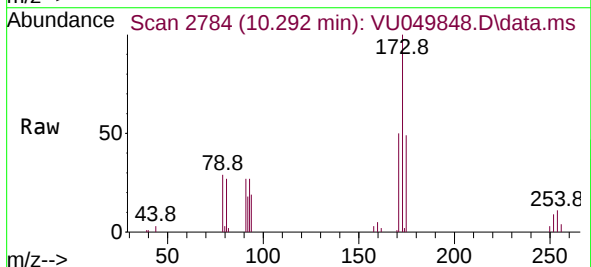
Tgt Ion:173 Resp: 24412

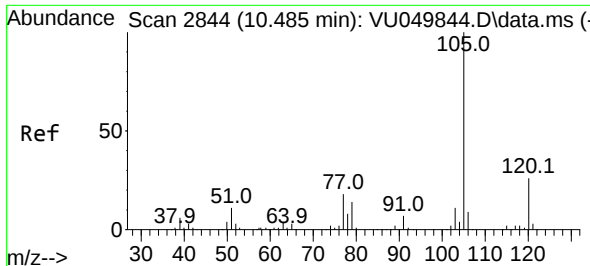
Ion Ratio Lower Upper

173 100

175 48.3 39.5 59.3

254 9.3 7.5 11.3

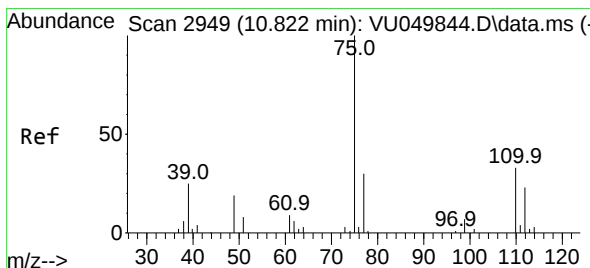
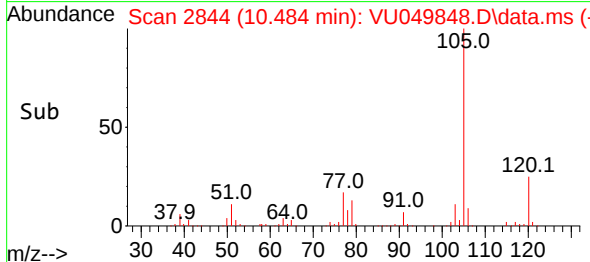
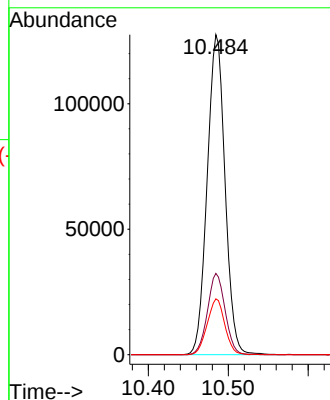
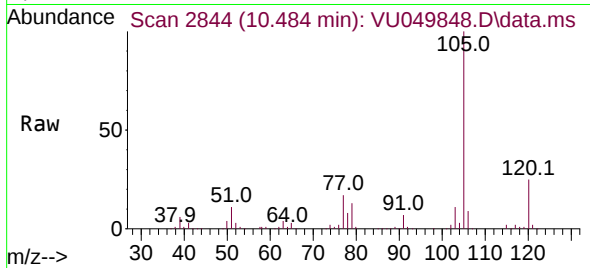




#60
Isopropylbenzene
Concen: 5.513 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

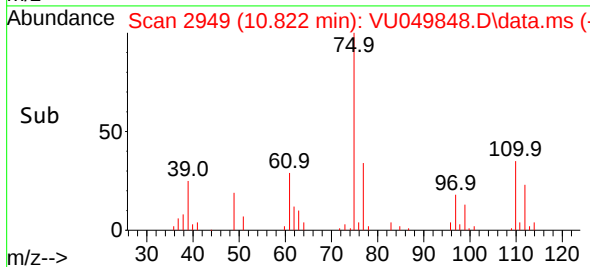
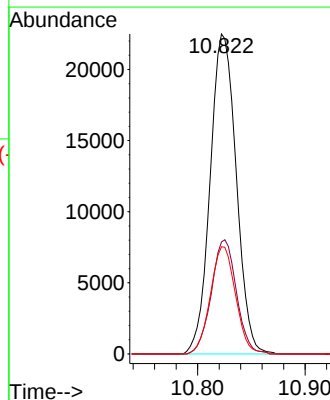
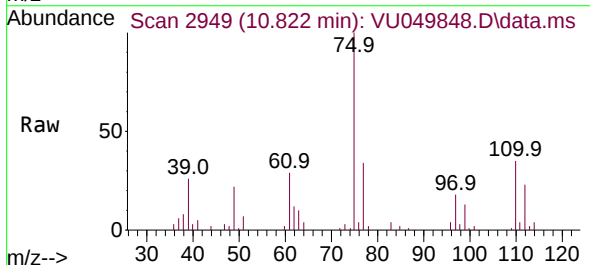
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

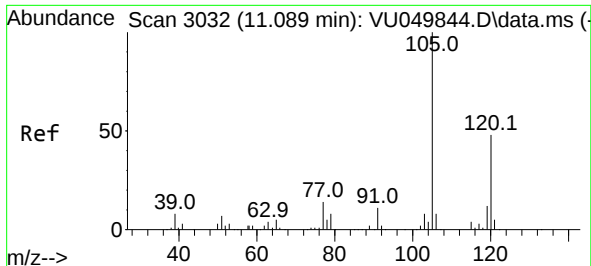
Tgt Ion:105 Resp: 198206
Ion Ratio Lower Upper
105 100
120 25.1 20.4 30.6
77 17.1 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.237 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion: 75 Resp: 37923
Ion Ratio Lower Upper
75 100
110 34.4 28.0 42.0
77 32.3 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.455 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

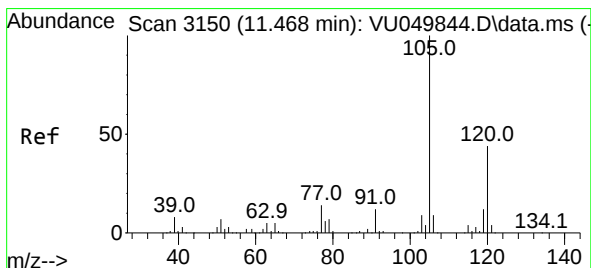
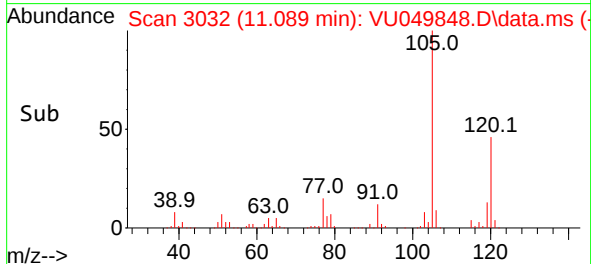
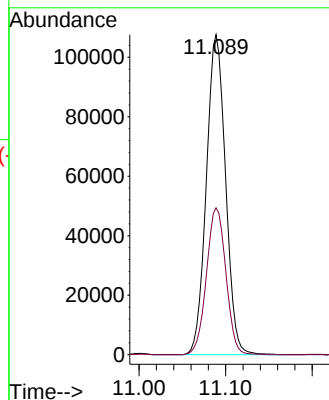
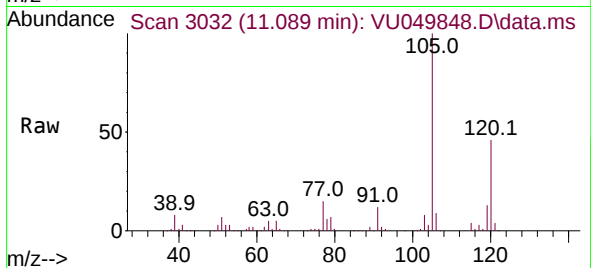
VSTD005126

Tgt Ion:105 Resp: 165722

Ion Ratio Lower Upper

105 100

120 46.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 5.529 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU049848.D

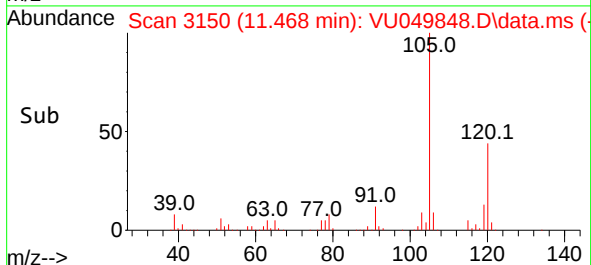
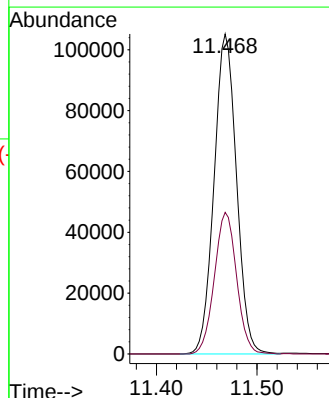
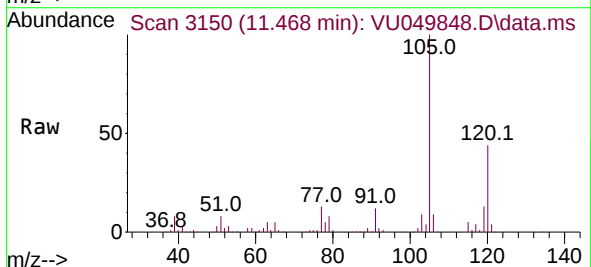
Acq: 22 Jul 2022 13:56

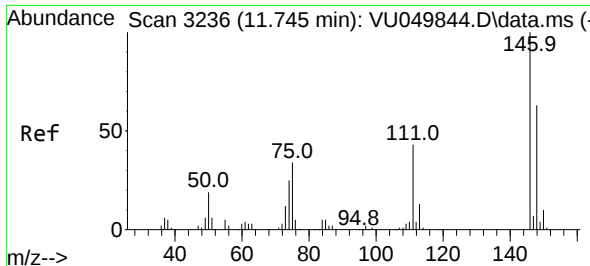
Tgt Ion:105 Resp: 163027

Ion Ratio Lower Upper

105 100

120 43.8 34.2 51.4

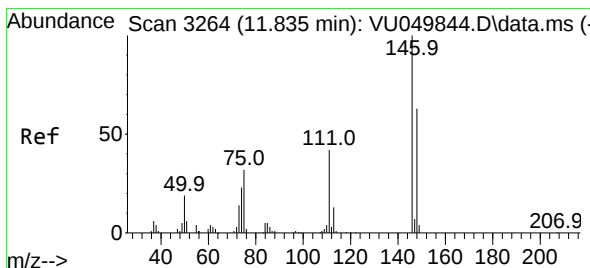
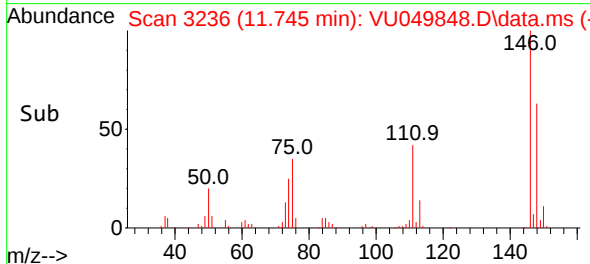
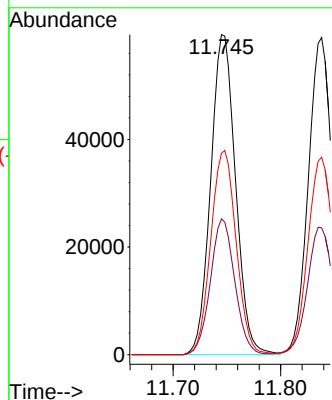
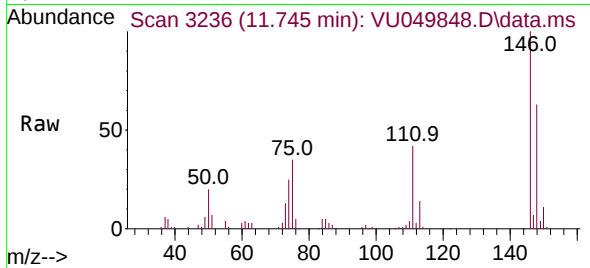




#64
1,3-Dichlorobenzene
Concen: 5.373 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

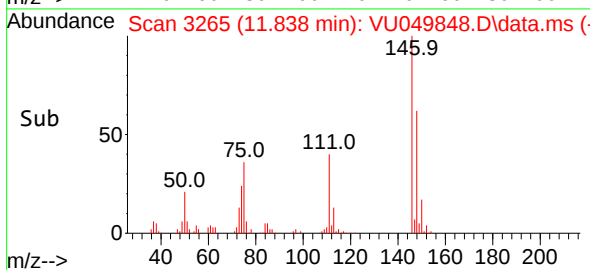
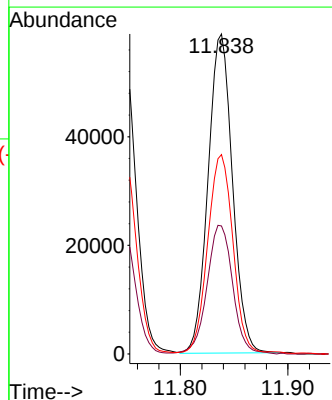
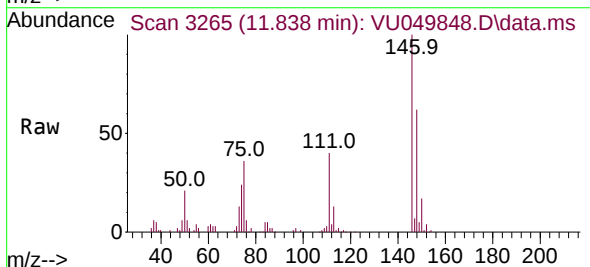
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

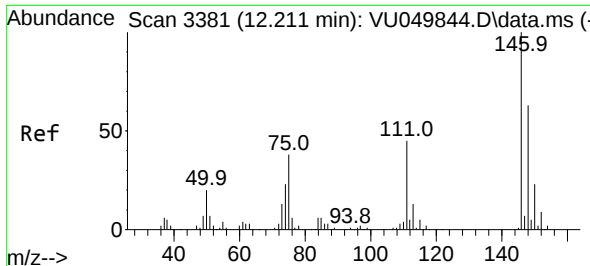
Tgt Ion:146 Resp: 95515
Ion Ratio Lower Upper
146 100
111 42.4 30.0 55.8
148 62.9 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.274 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion:146 Resp: 92758
Ion Ratio Lower Upper
146 100
111 40.0 29.5 54.7
148 62.3 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.279 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD005126

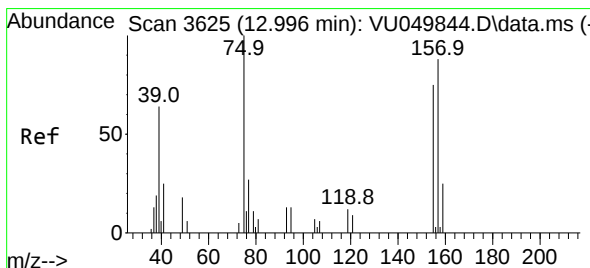
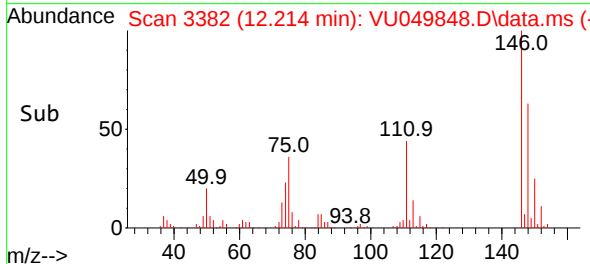
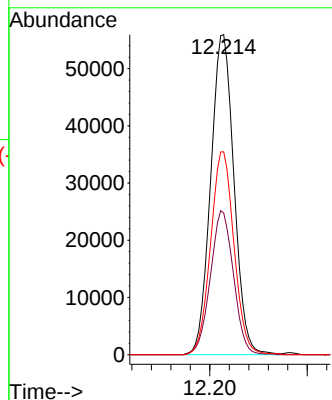
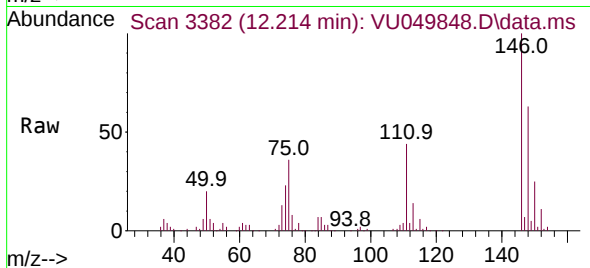
Tgt Ion:146 Resp: 92701

Ion Ratio Lower Upper

146 100

111 44.3 35.8 53.8

148 63.4 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.154 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049848.D

Acq: 22 Jul 2022 13:56

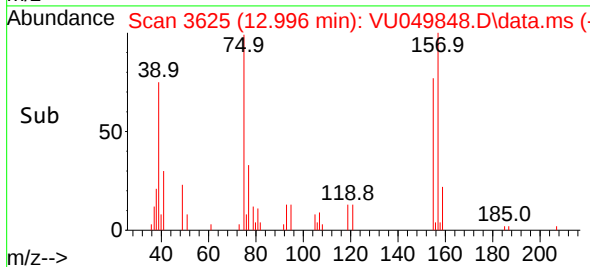
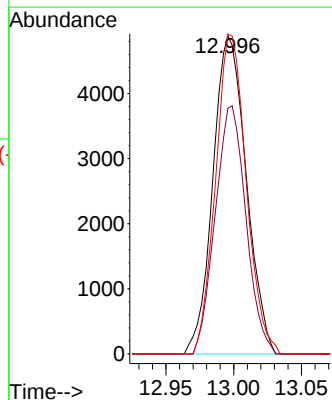
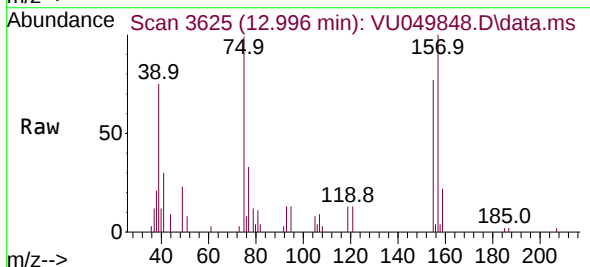
Tgt Ion: 75 Resp: 8348

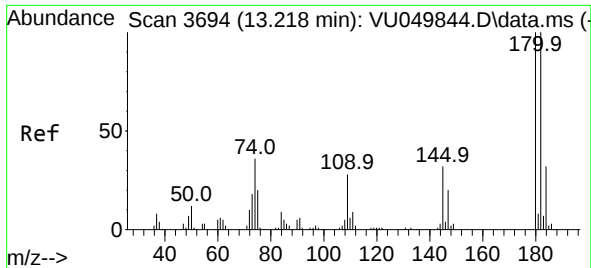
Ion Ratio Lower Upper

75 100

155 77.2 60.4 90.6

157 100.5 70.0 105.0

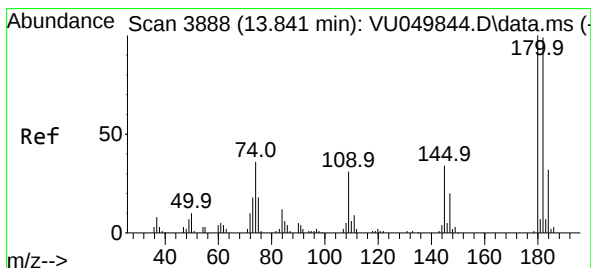
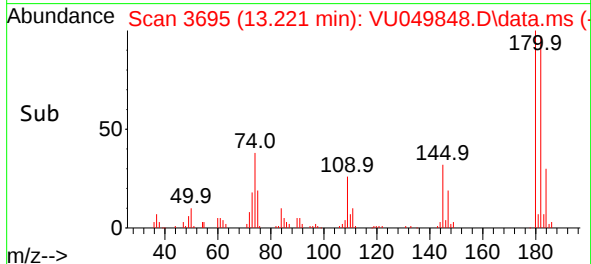
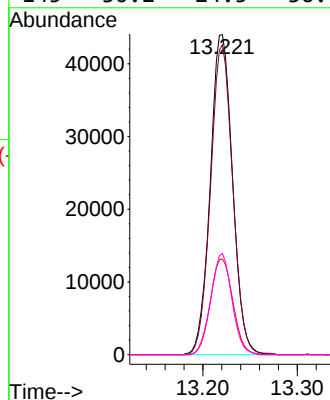
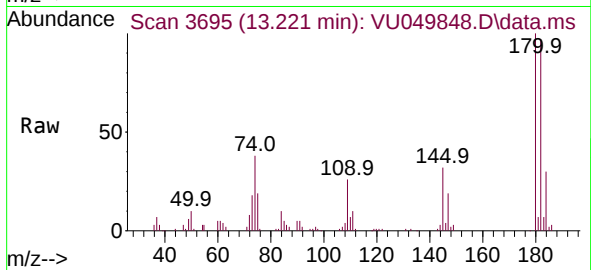




#69
 1,3,5-Trichlorobenzene
 Concen: 5.494 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU049848.D
 Acq: 22 Jul 2022 13:56

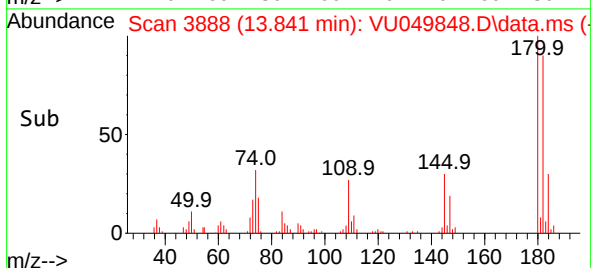
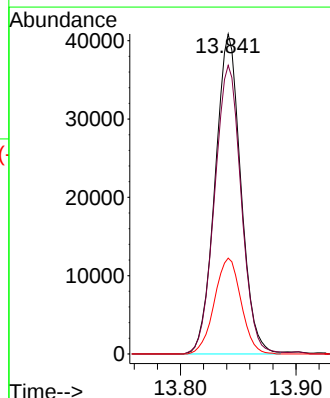
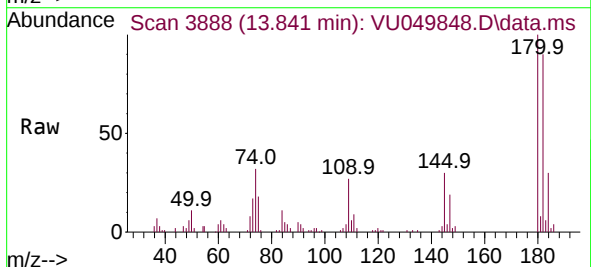
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

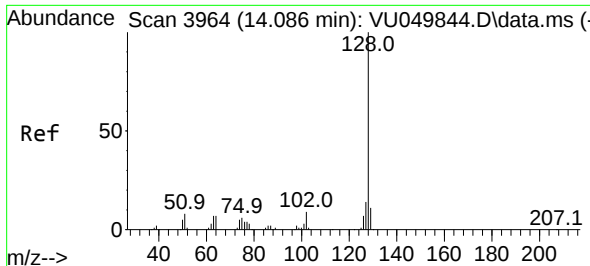
Tgt Ion:180	Resp:	72107
Ion Ratio	Lower	Upper
180	100	
182	96.0	77.2 115.8
184	30.0	25.3 37.9
145	30.2	24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.734 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU049848.D
 Acq: 22 Jul 2022 13:56

Tgt Ion:180	Resp:	63180
Ion Ratio	Lower	Upper
180	100	
182	93.2	77.0 115.4
145	31.0	26.1 39.1

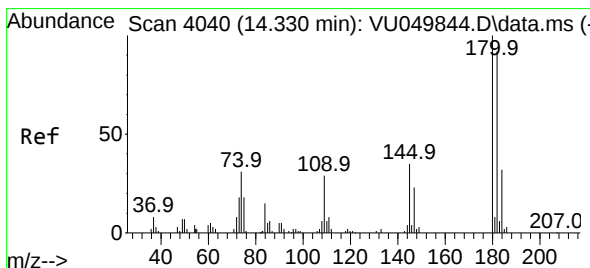
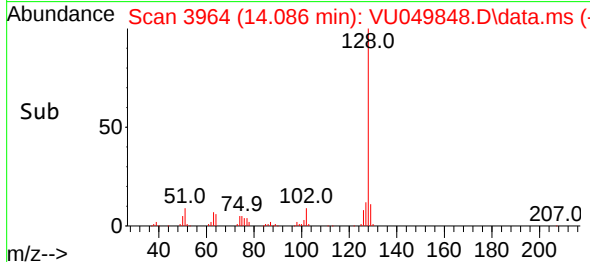
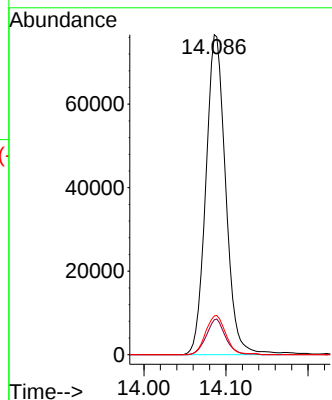
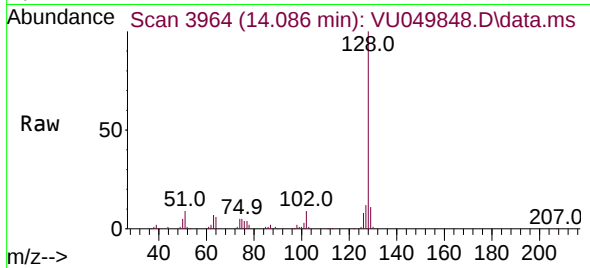




#71
Naphthalene
Concen: 5.975 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Tgt Ion:128 Resp: 128352
Ion Ratio Lower Upper
128 100
129 10.7 8.2 12.4
127 12.4 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 5.852 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049848.D
Acq: 22 Jul 2022 13:56

Tgt Ion:180 Resp: 61976
Ion Ratio Lower Upper
180 100
182 95.1 73.9 110.9
145 34.0 27.8 41.6

