

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050522\
 Data File : VU048449.D
 Acq On : 05 May 2022 19:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050116

Quant Time: May 06 05:42:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	355211	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353896	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	203359	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	138936	42.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.060%
7) Chloroethane-d5	1.896	69	104872	45.739	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.480%
11) 1,1-Dichloroethene-d2	2.565	63	221032	42.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.460%
21) 2-Butanone-d5	4.620	46	256219	91.968	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.970%
24) Chloroform-d	5.063	84	265256	44.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.540%
26) 1,2-Dichloroethane-d4	5.700	65	153484	43.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.320%
32) Benzene-d6	5.726	84	563975	50.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.060%
36) 1,2-Dichloropropane-d6	6.690	67	182863	49.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.120%
41) Toluene-d8	7.899	98	519724	51.371	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.740%
43) trans-1,3-Dichloroprop...	8.179	79	78213	48.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.080%
47) 2-Hexanone-d5	8.632	63	189459	95.166	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.170%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	307893	47.576	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.160%
66) 1,2-Dichlorobenzene-d4	12.195	152	226096	49.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	94959	35.379	ug/L	99
3) Chloromethane	1.520	50	109805	35.742	ug/L	100
5) Vinyl chloride	1.604	62	119424	38.576	ug/L	95
6) Bromomethane	1.832	94	61889	43.498	ug/L	97
8) Chloroethane	1.919	64	73031	41.720	ug/L	99
9) Trichlorofluoromethane	2.131	101	169289	41.960	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	117127	43.772	ug/L	98
12) 1,1-Dichloroethene	2.575	96	101089	43.280	ug/L	86
13) Acetone	2.626	43	138593	77.490	ug/L	94
14) Carbon disulfide	2.790	76	188844	33.174	ug/L	100
15) Methyl Acetate	2.948	43	162480	45.764	ug/L	99
16) Methylene chloride	3.044	84	143175	47.546	ug/L	94
17) trans-1,2-Dichloroethene	3.353	96	107043	44.115	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	413172	51.608	ug/L	98
19) 1,1-Dichloroethane	3.867	63	231248	45.575	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	143094	48.924	ug/L	92
22) 2-Butanone	4.700	43	242126	91.550	ug/L	95
23) Bromochloromethane	4.976	128	79553	48.718	ug/L	95
25) Chloroform	5.089	83	247006	47.672	ug/L	100

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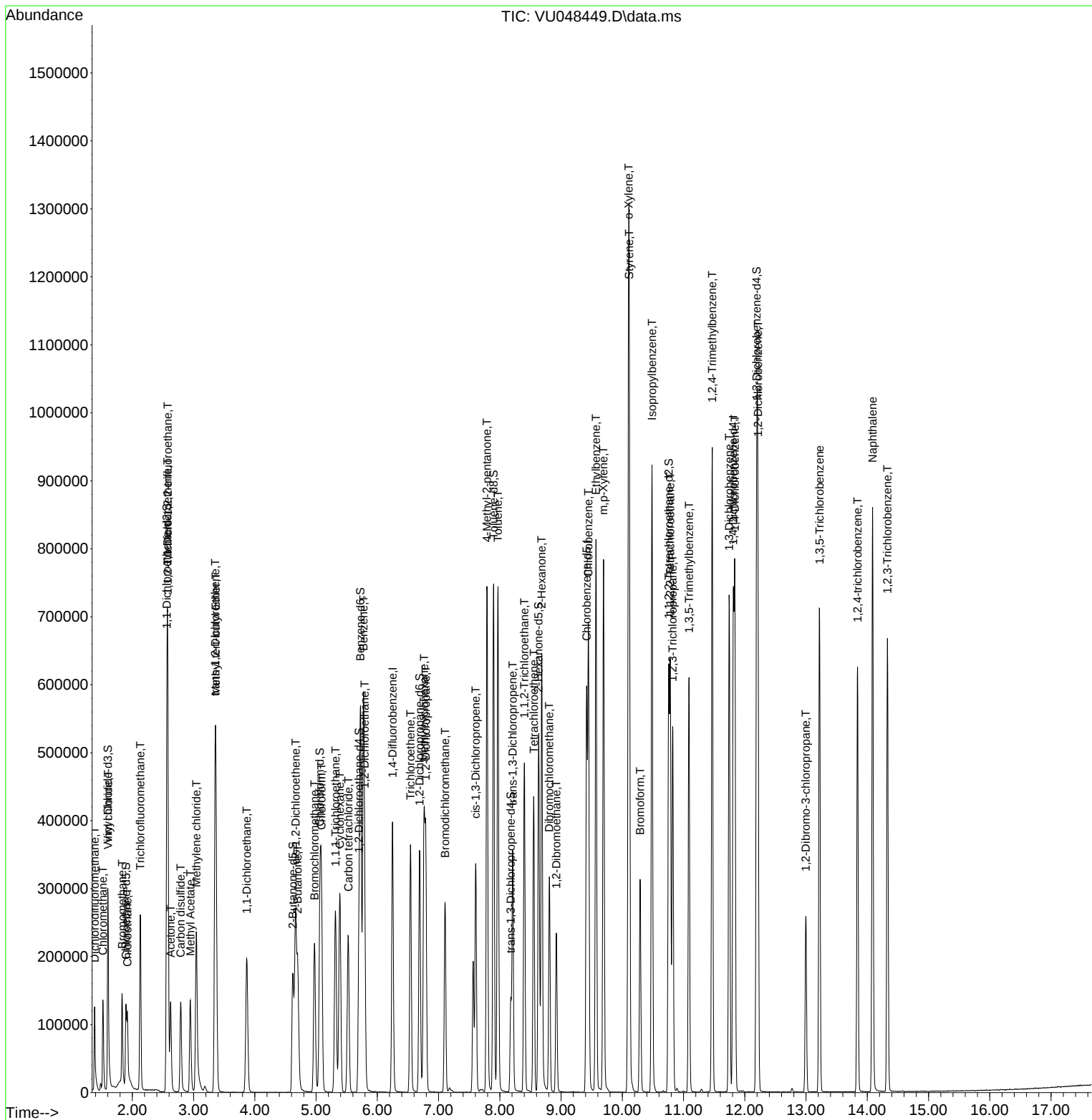
Instrument :
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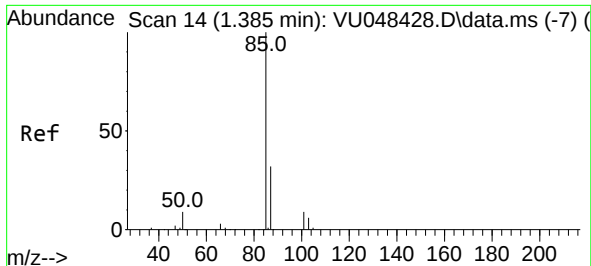
Quant Time: May 06 05:42:53 2022
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 Quant Title : VOC Analysis
 QLast Update : Fri May 06 05:30:23 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	169712	44.905	ug/L	97
29) Cyclohexane	5.388	56	152740	45.680	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	200375	50.069	ug/L	98
31) Carbon tetrachloride	5.526	117	165836	48.619	ug/L	99
33) Benzene	5.774	78	520834	49.708	ug/L	100
34) Trichloroethene	6.542	95	124142	48.337	ug/L	97
35) Methylcyclohexane	6.764	83	168063	46.610	ug/L	97
37) 1,2-Dichloropropane	6.790	63	150956	50.637	ug/L	99
38) Bromodichloromethane	7.105	83	187218	49.729	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	212861	50.778	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	474257	105.476	ug/L	98
42) Toluene	7.970	91	562076	51.095	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	204571	49.953	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	160256	51.237	ug/L	98
46) Tetrachloroethene	8.555	164	107308	48.684	ug/L	97
48) 2-Hexanone	8.684	43	390158	103.911	ug/L	97
49) Dibromochloromethane	8.809	129	172120	50.080	ug/L	100
50) 1,2-Dibromoethane	8.925	107	161854	51.029	ug/L	98
51) Chlorobenzene	9.446	112	397237	50.097	ug/L	98
52) Ethylbenzene	9.571	91	592596	52.015	ug/L	99
53) m,p-Xylene	9.693	106	240695	53.538	ug/L	96
54) o-Xylene	10.102	106	254584	56.211	ug/L	95
55) Styrene	10.115	104	425295	55.121	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	310783	50.346	ug/L	99
59) Bromoform	10.291	173	151614	51.372	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	236167	49.781	ug/L	99
61) Isopropylbenzene	10.484	105	628613	55.285	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	337484	56.314	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	520019	56.439	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	335964	52.703	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	332778	51.134	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	356427	53.077	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	62465	49.323	ug/L	88
69) 1,3,5-Trichlorobenzene	13.221	180	254938	53.820	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	215842	57.678	ug/L	99
71) Naphthalene	14.085	128	714639	66.729	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	232277	60.565	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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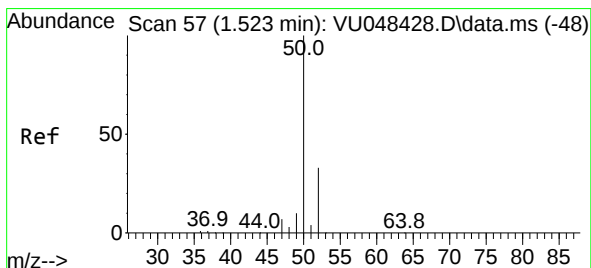
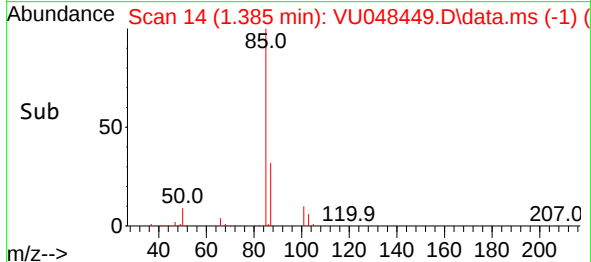
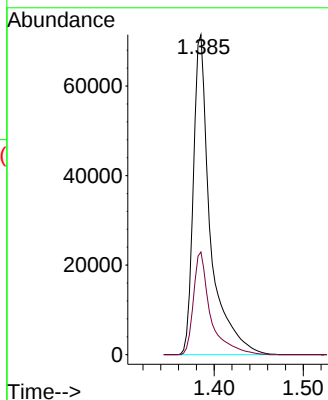
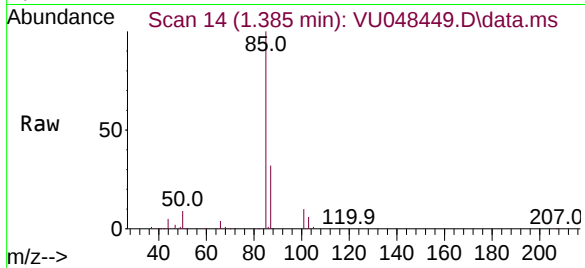




#2
Dichlorodifluoromethane
Concen: 35.379 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

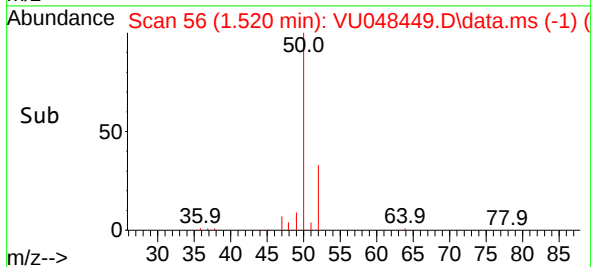
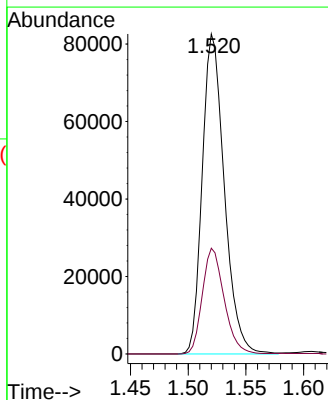
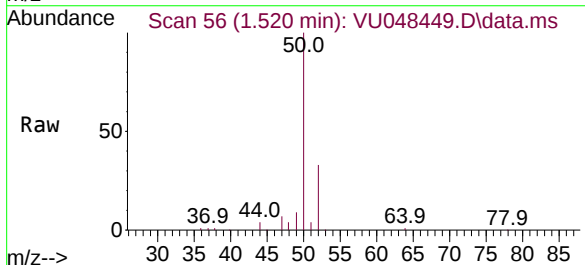
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

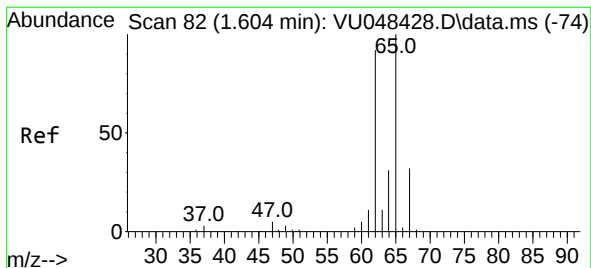
Tgt Ion: 85 Resp: 94959
Ion Ratio Lower Upper
85 100
87 32.3 26.1 39.1



#3
Chloromethane
Concen: 35.742 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion: 50 Resp: 109805
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2





#5

Vinyl chloride

Concen: 38.576 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

MSVOA_U

ClientSampleId :

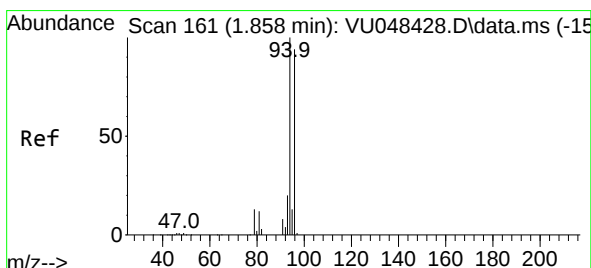
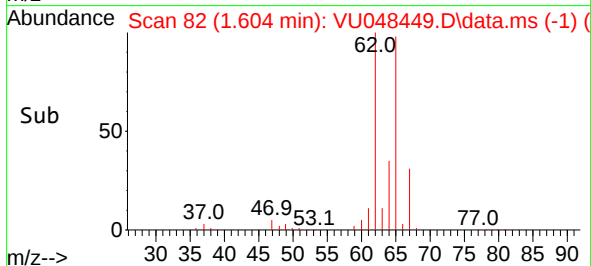
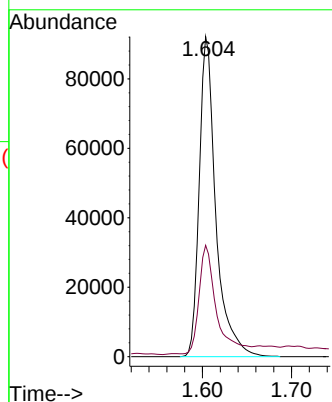
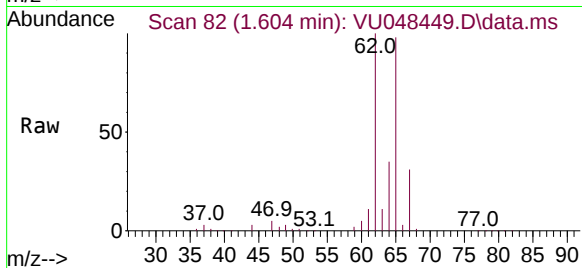
VSTD050116

Tgt Ion: 62 Resp: 119424

Ion Ratio Lower Upper

62 100

64 34.8 22.5 41.7



#6

Bromomethane

Concen: 43.498 ug/L

RT: 1.832 min Scan# 153

Delta R.T. -0.026 min

Lab File: VU048449.D

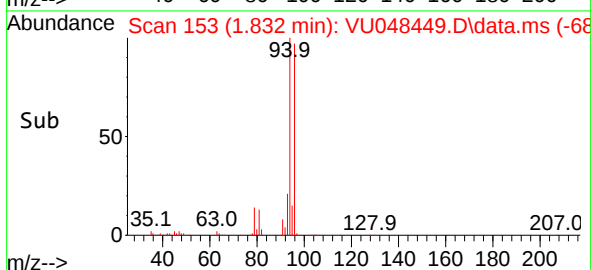
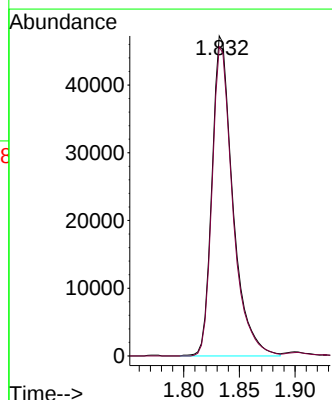
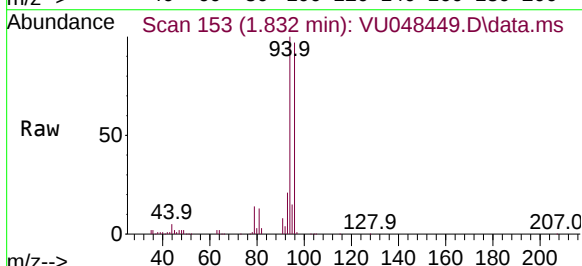
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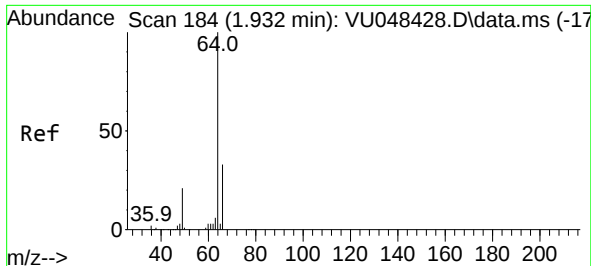
Tgt Ion: 94 Resp: 61889

Ion Ratio Lower Upper

94 100

96 96.6 65.8 122.2

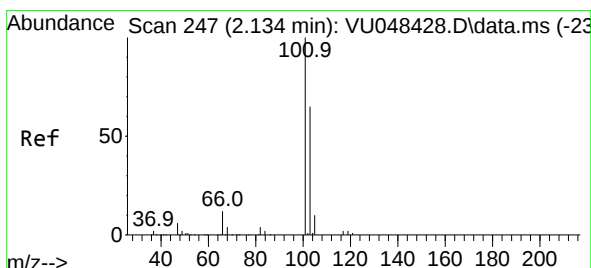
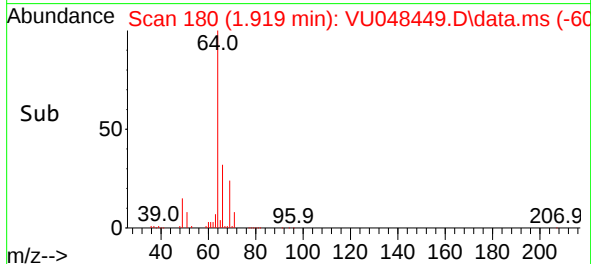
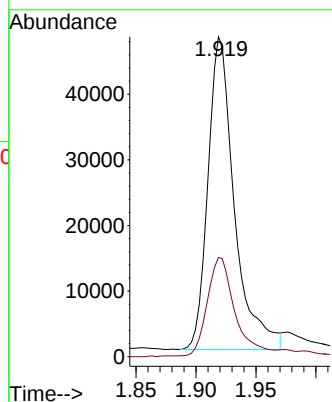
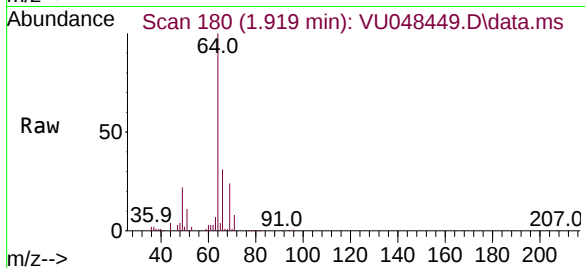




#8
Chloroethane
Concen: 41.720 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

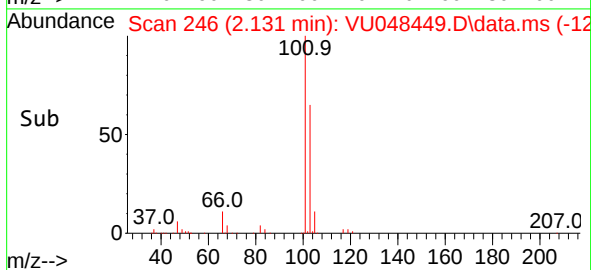
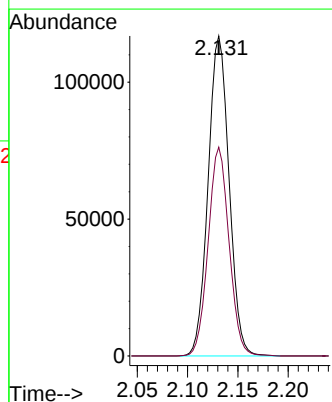
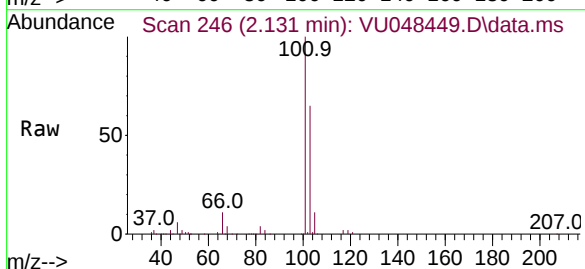
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

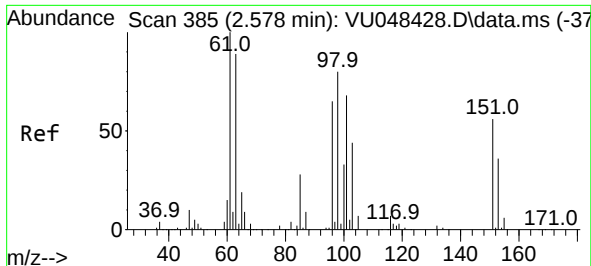
Tgt Ion: 64 Resp: 73031
Ion Ratio Lower Upper
64 100
66 31.0 21.9 40.7



#9
Trichlorofluoromethane
Concen: 41.960 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion:101 Resp: 169289
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9





#10

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

Concen: 43.772 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD050116

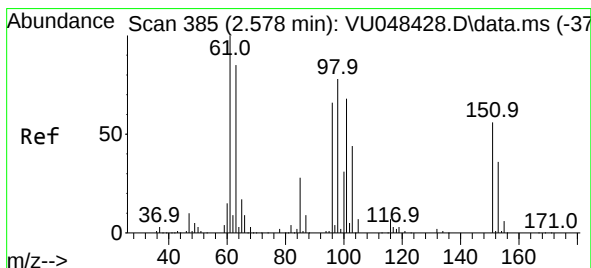
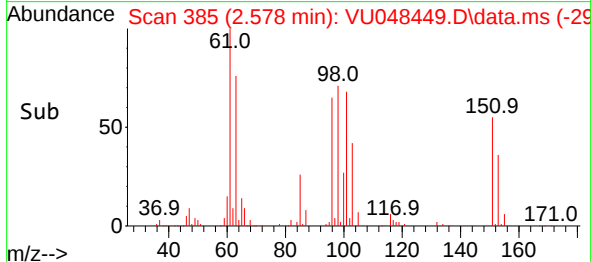
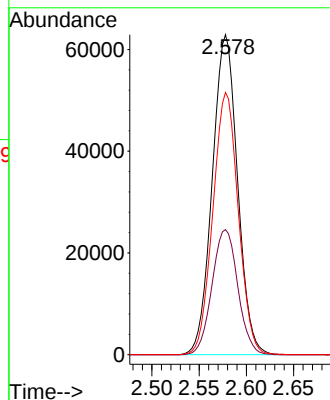
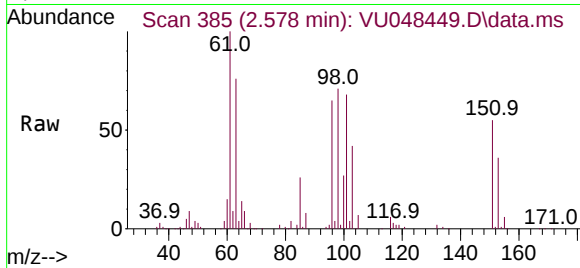
Tgt Ion:101 Resp: 117127

Ion Ratio Lower Upper

101 100

85 39.8 32.6 48.8

151 82.2 64.1 96.1



#12

1,1-Dichloroethene

Concen: 43.280 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

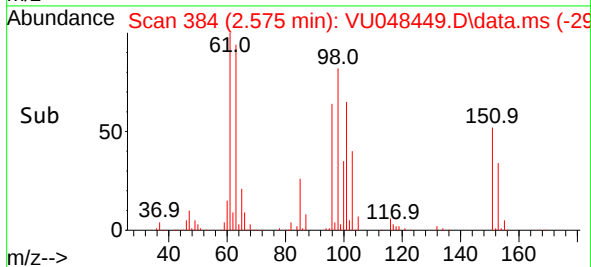
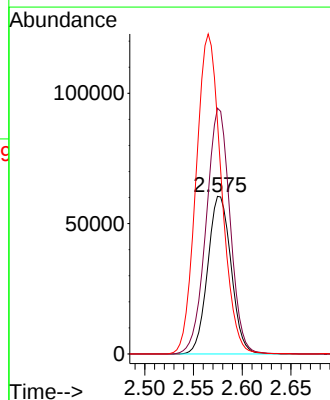
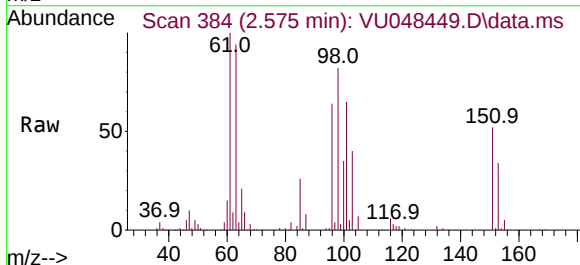
Tgt Ion: 96 Resp: 101089

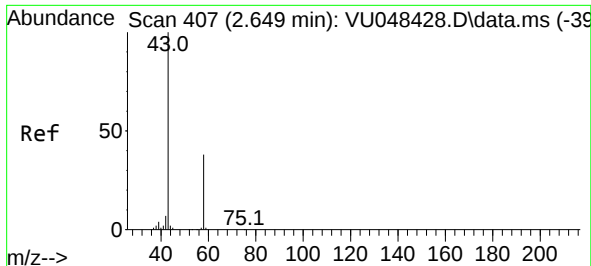
Ion Ratio Lower Upper

96 100

61 156.0 107.9 200.3

63 147.3 80.3 149.1





#13

Acetone

Concen: 77.490 ug/L

RT: 2.626 min Scan# 407

Delta R.T. -0.023 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

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ClientSampleId :

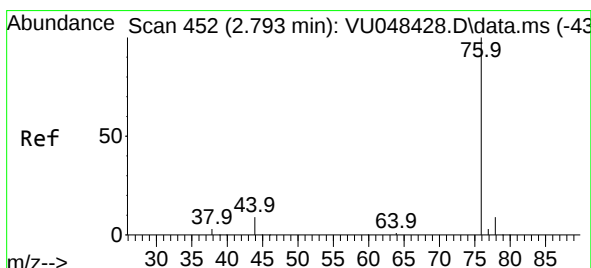
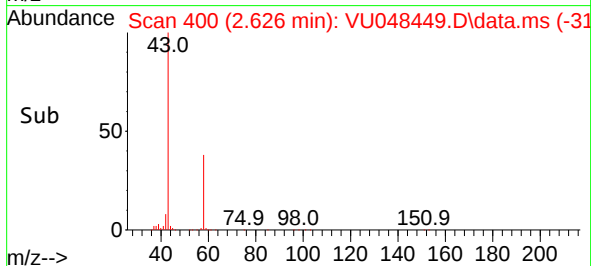
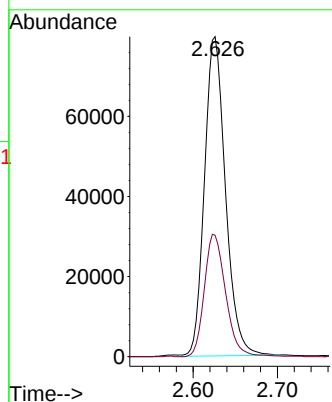
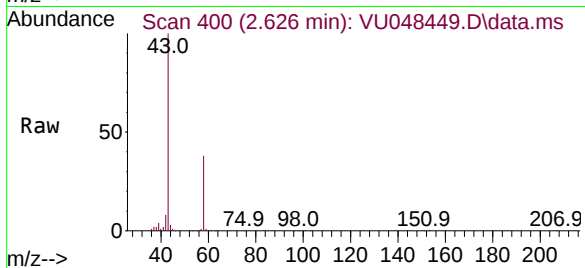
VSTD050116

Tgt Ion: 43 Resp: 138593

Ion Ratio Lower Upper

43 100

58 38.9 0.0 71.2



#14

Carbon disulfide

Concen: 33.174 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU048449.D

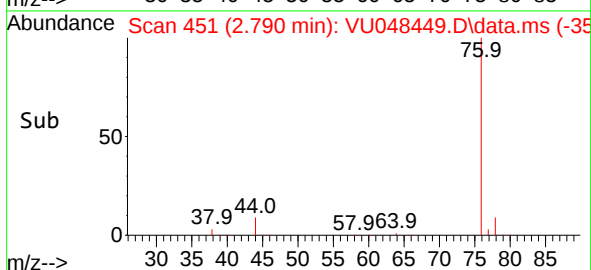
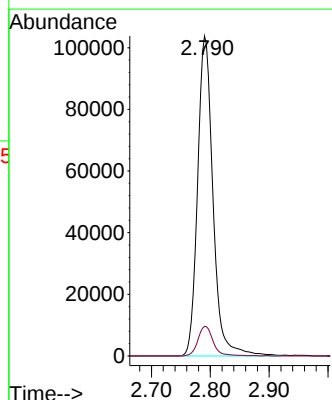
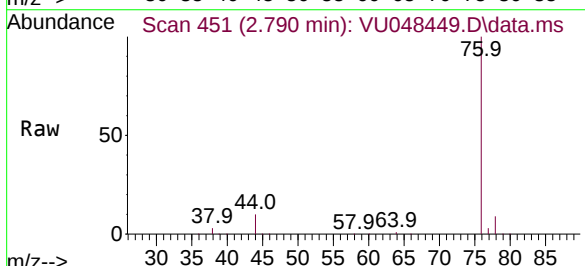
Acq: 05 May 2022 19:57

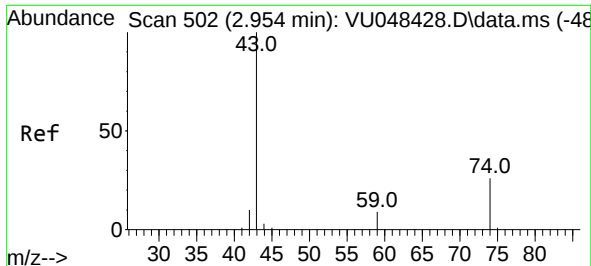
Tgt Ion: 76 Resp: 188844

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

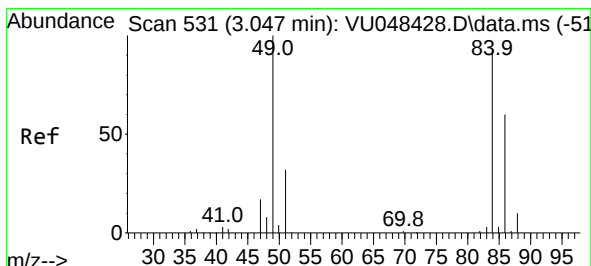
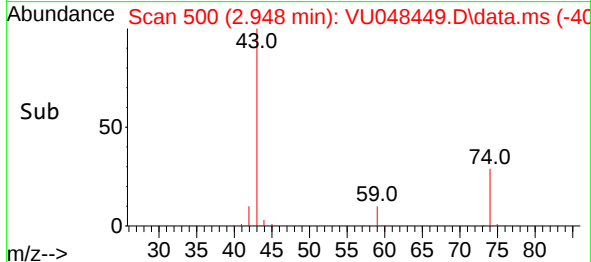
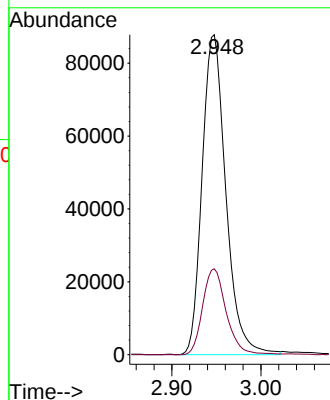
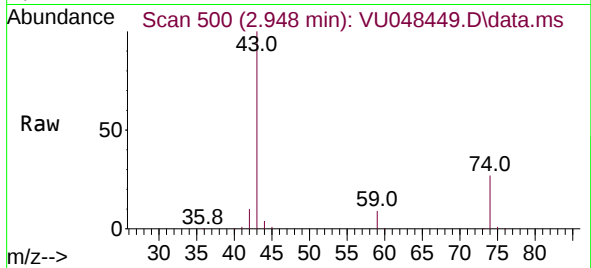




#15
Methyl Acetate
Concen: 45.764 ug/L
RT: 2.948 min Scan# 50
Delta R.T. -0.007 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

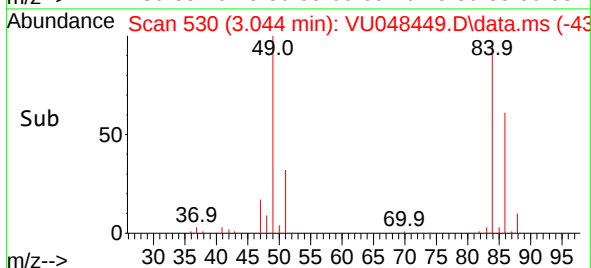
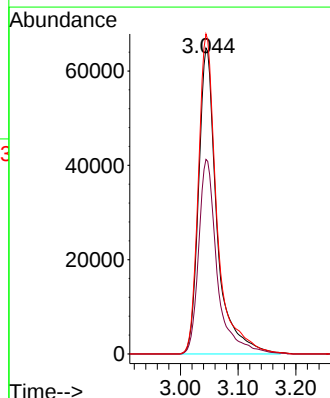
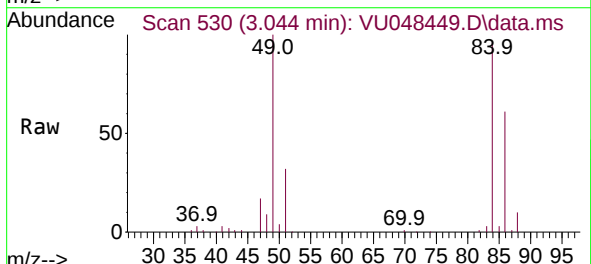
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

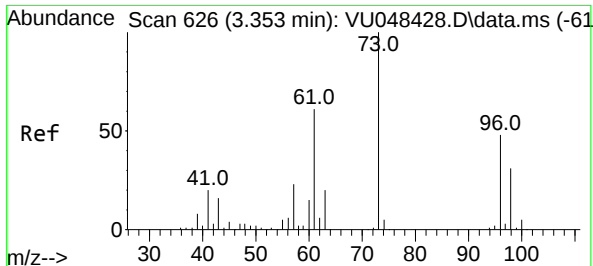
Tgt Ion: 43 Resp: 162480
Ion Ratio Lower Upper
43 100
74 26.6 21.0 31.6



#16
Methylene chloride
Concen: 47.546 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion: 84 Resp: 143175
Ion Ratio Lower Upper
84 100
86 63.6 45.4 84.2
49 104.6 79.2 147.0



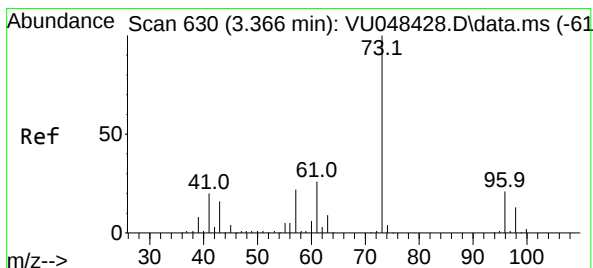
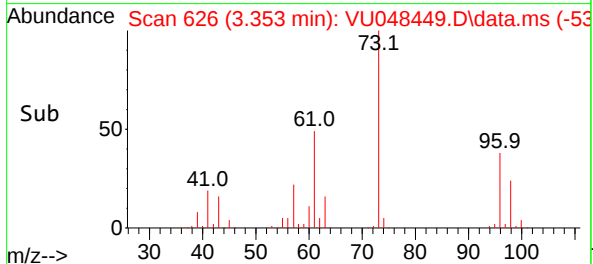
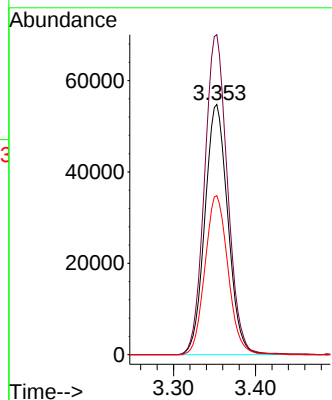
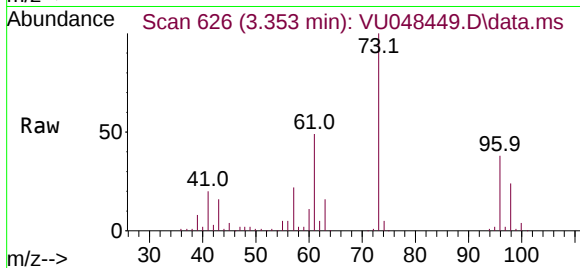


#17
 trans-1,2-Dichloroethene
 Concen: 44.115 ug/L
 RT: 3.353 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VU048449.D
 Acq: 05 May 2022 19:57

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050116

Tgt Ion: 96 Resp: 107043

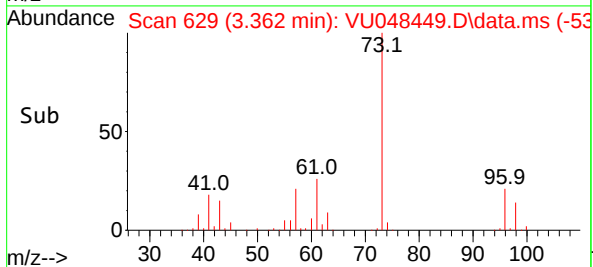
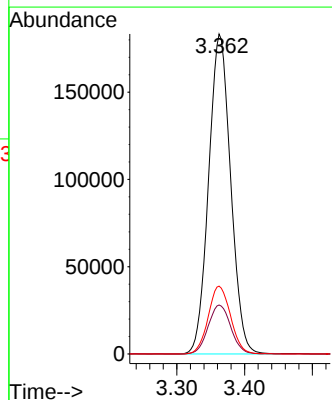
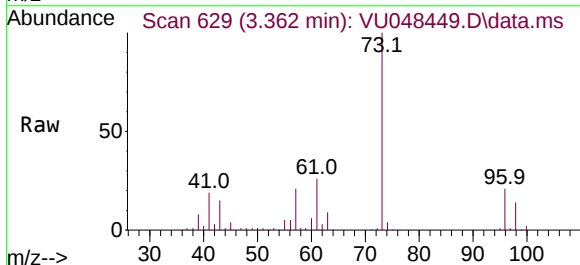
Ion	Ratio	Lower	Upper
96	100		
61	127.9	95.2	176.8
98	63.6	44.7	83.1

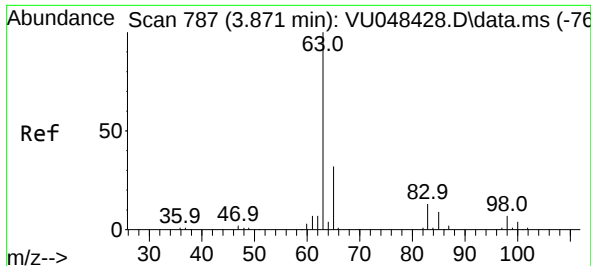


#18
 Methyl tert-butyl Ether
 Concen: 51.608 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. -0.003 min
 Lab File: VU048449.D
 Acq: 05 May 2022 19:57

Tgt Ion: 73 Resp: 413172

Ion	Ratio	Lower	Upper
73	100		
43	15.8	13.8	20.6
57	21.5	17.9	26.9





#19

1,1-Dichloroethane

Concen: 45.575 ug/L

RT: 3.867 min Scan# 787

Delta R.T. -0.003 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD050116

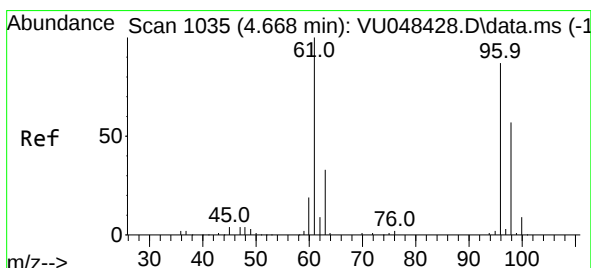
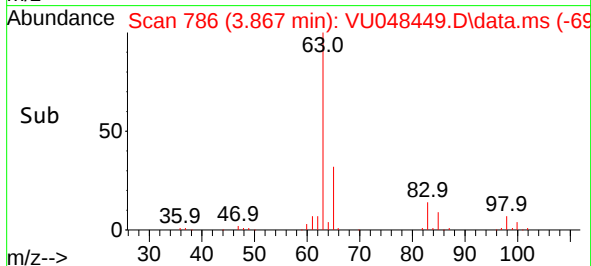
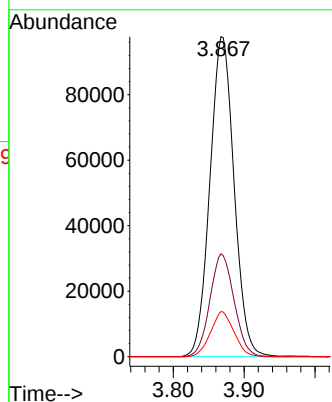
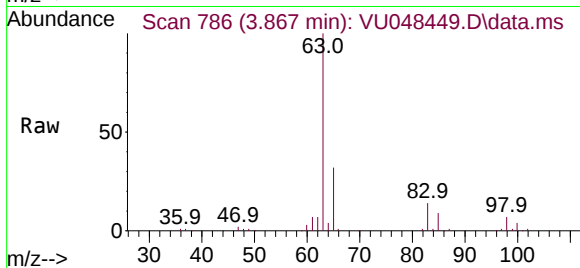
Tgt Ion: 63 Resp: 231248

Ion Ratio Lower Upper

63 100

65 32.2 22.0 40.8

83 14.1 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 48.924 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

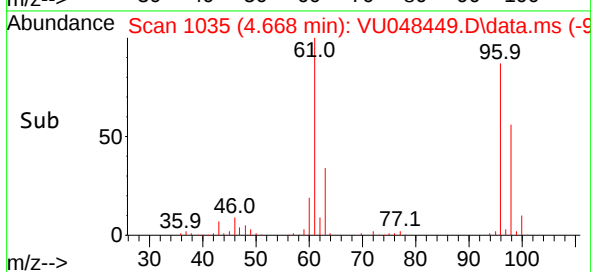
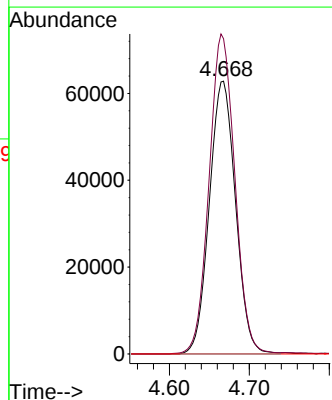
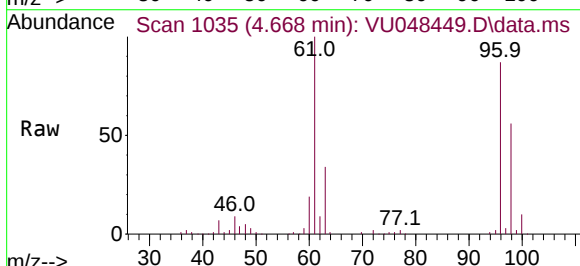
Tgt Ion: 96 Resp: 143094

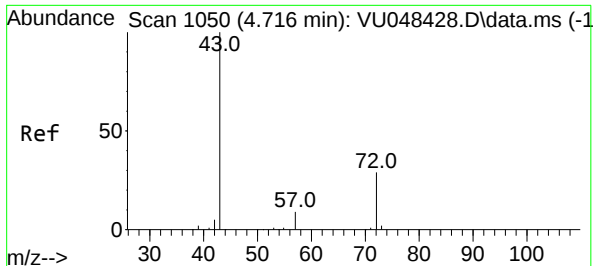
Ion Ratio Lower Upper

96 100

61 115.6 87.0 161.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 91.550 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. -0.016 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

MSVOA_U

ClientSampleId :

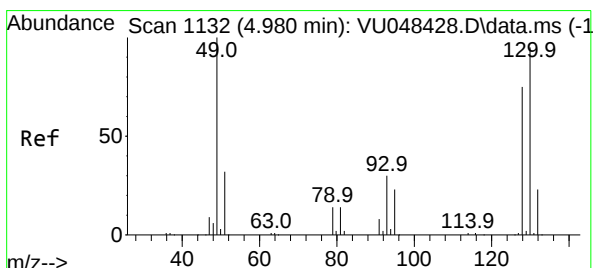
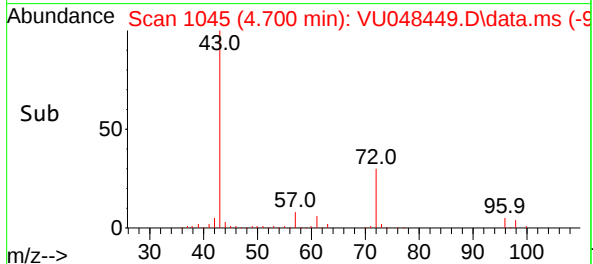
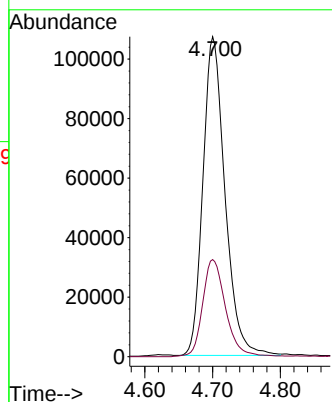
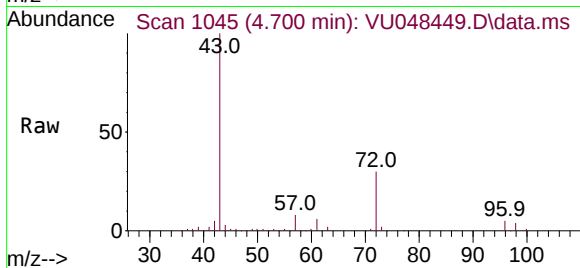
VSTD050116

Tgt Ion: 43 Resp: 242126

Ion Ratio Lower Upper

43 100

72 31.7 14.6 43.8



#23

Bromochloromethane

Concen: 48.718 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Tgt Ion: 128 Resp: 79553

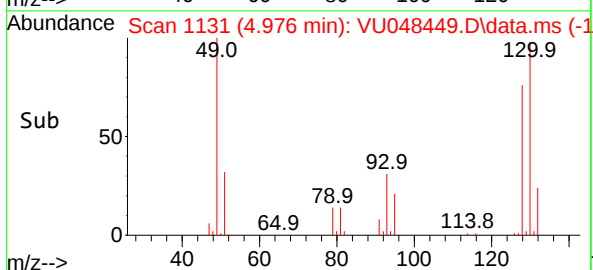
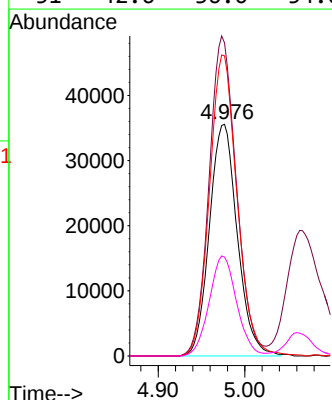
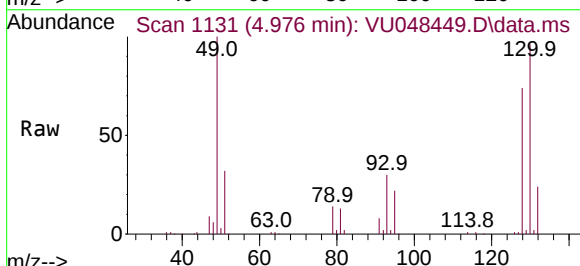
Ion Ratio Lower Upper

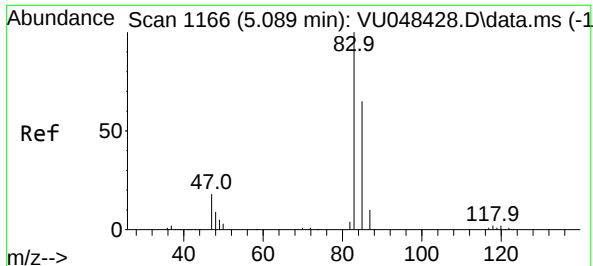
128 100

49 135.1 101.3 188.1

130 129.5 89.0 165.2

51 42.6 36.0 54.0





#25

Chloroform

Concen: 47.672 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

MSVOA_U

ClientSampleId :

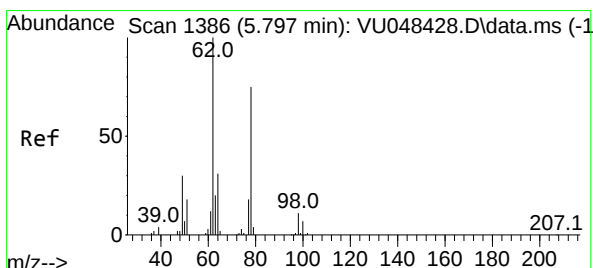
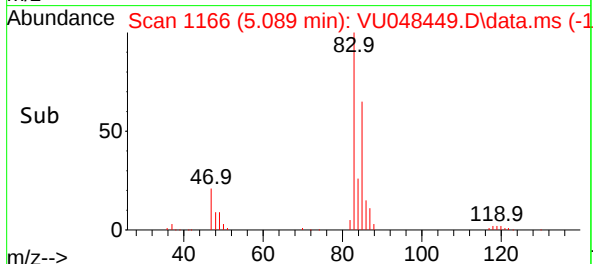
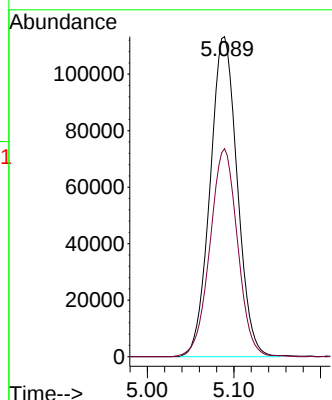
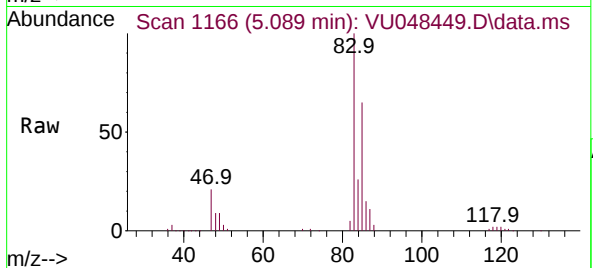
VSTD050116

Tgt Ion: 83 Resp: 247006

Ion Ratio Lower Upper

83 100

85 65.0 45.7 84.9



#27

1,2-Dichloroethane

Concen: 44.905 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048449.D

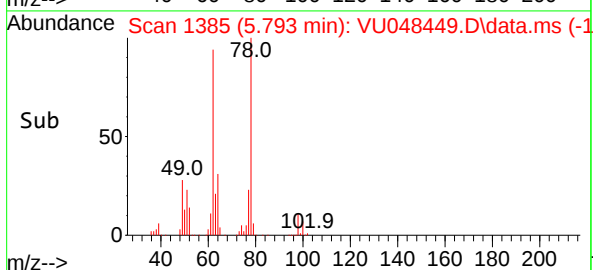
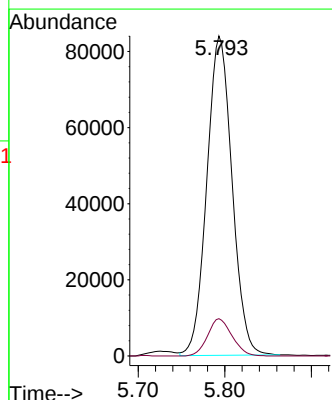
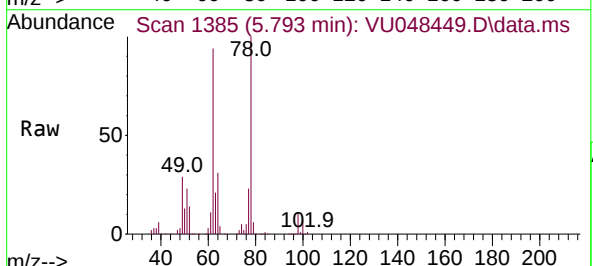
Acq: 05 May 2022 19:57

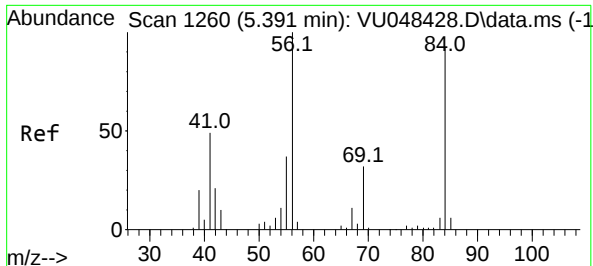
Tgt Ion: 62 Resp: 169712

Ion Ratio Lower Upper

62 100

98 11.6 8.5 12.7





#29

Cyclohexane

Concen: 45.680 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD050116

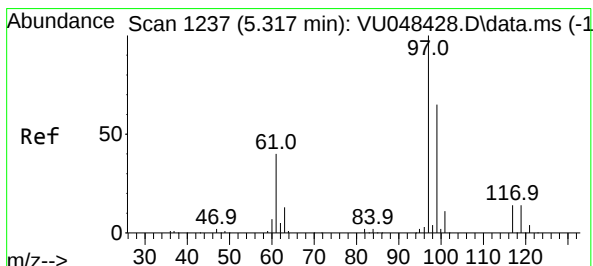
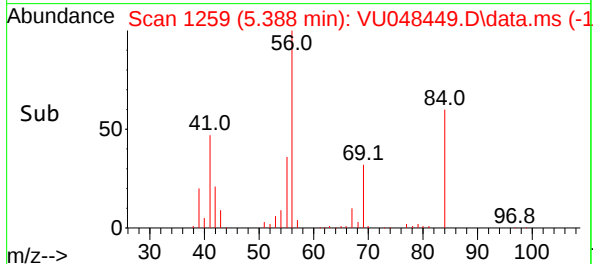
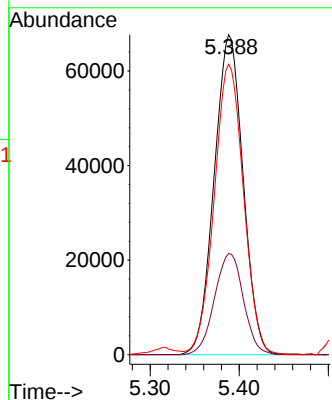
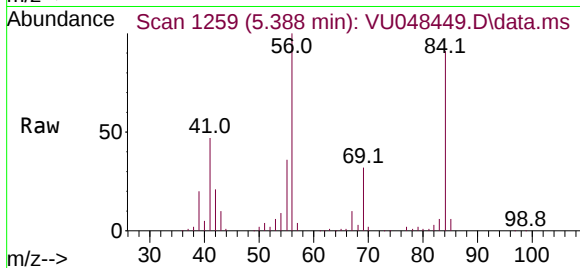
Tgt Ion: 56 Resp: 152740

Ion Ratio Lower Upper

56 100

69 31.6 24.2 36.4

84 92.0 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 50.069 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

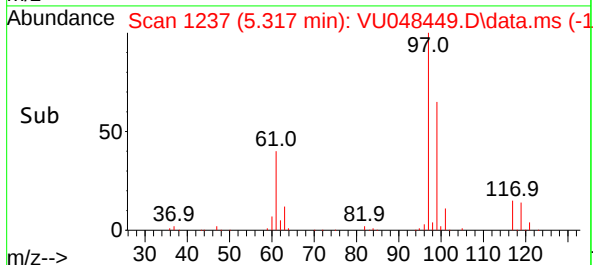
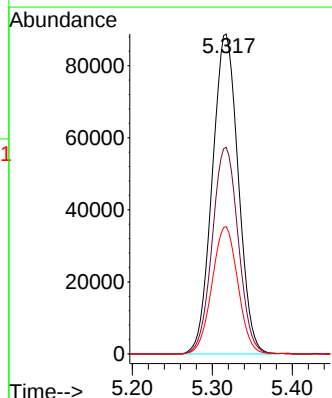
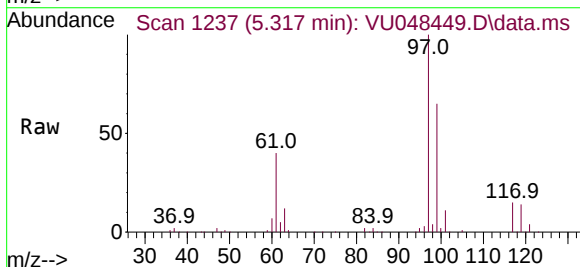
Tgt Ion: 97 Resp: 200375

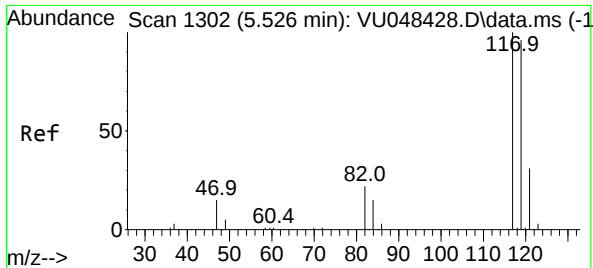
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 39.7 33.9 50.9

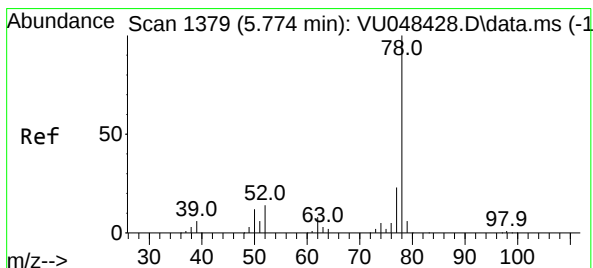
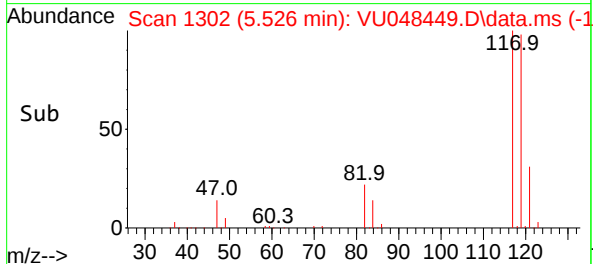
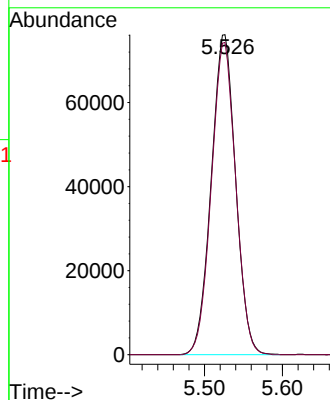
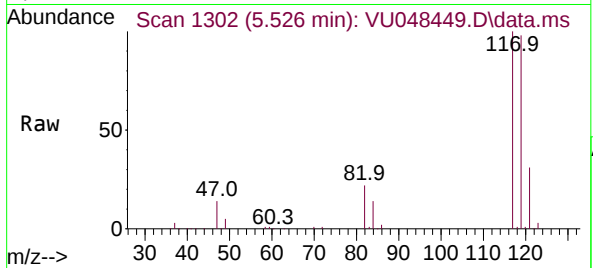




#31
Carbon tetrachloride
Concen: 48.619 ug/L
RT: 5.526 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

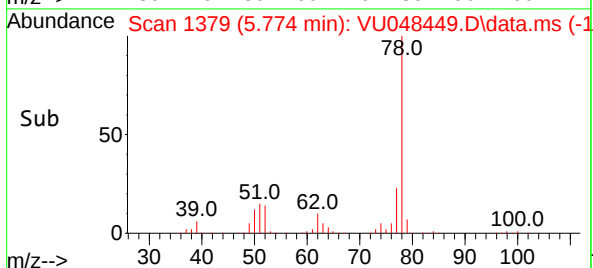
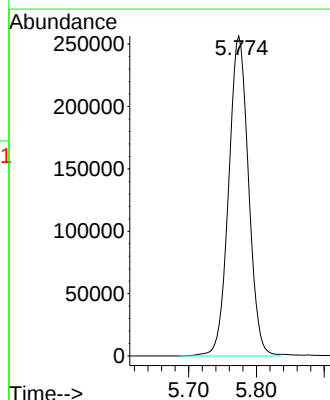
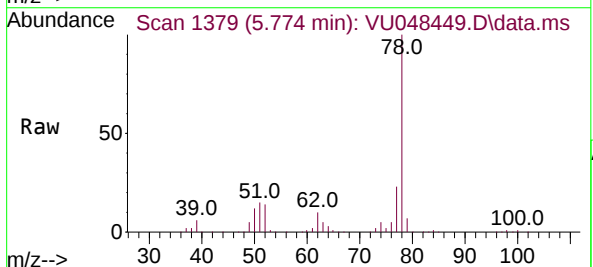
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

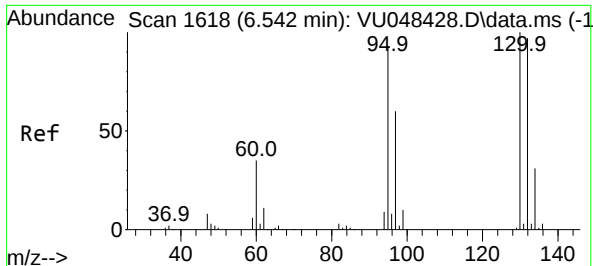
Tgt Ion:117 Resp: 165836
Ion Ratio Lower Upper
117 100
119 97.3 77.1 115.7



#33
Benzene
Concen: 49.708 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion: 78 Resp: 520834

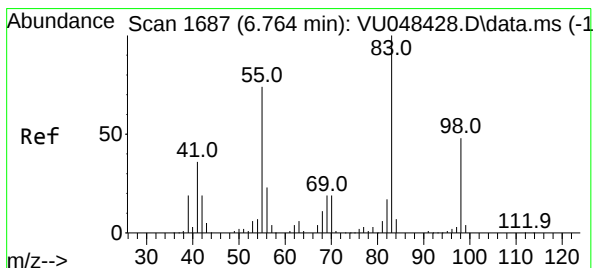
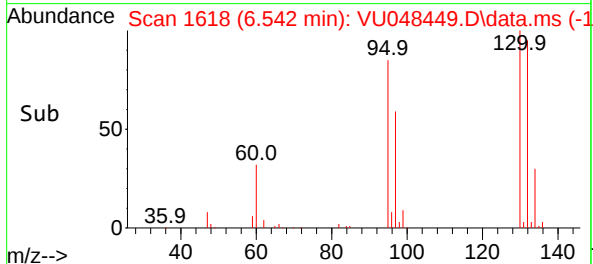
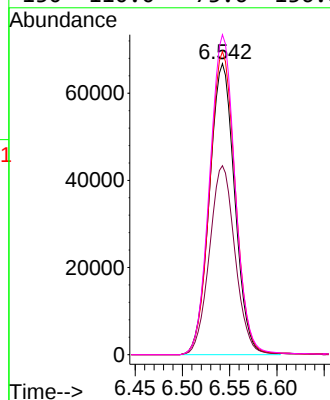
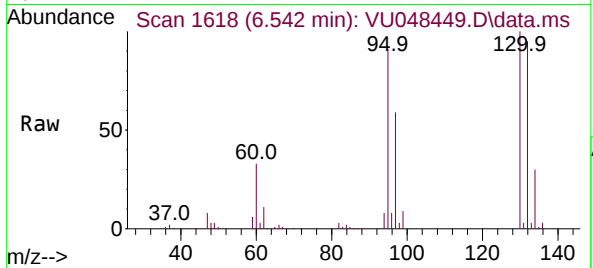




#34
Trichloroethene
Concen: 48.337 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

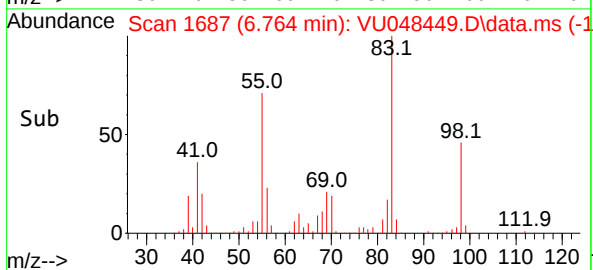
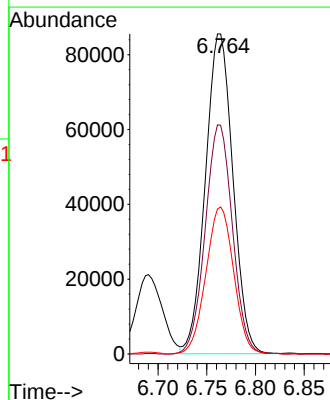
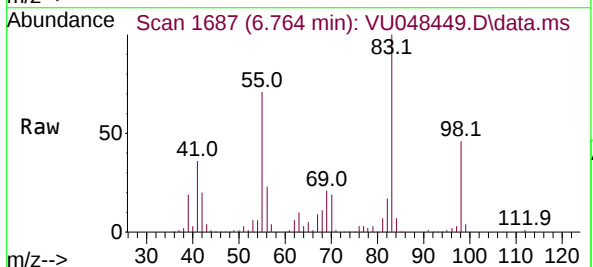
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

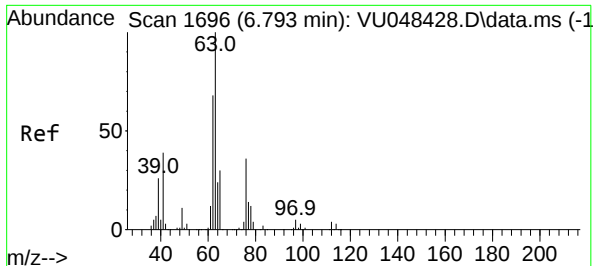
Tgt Ion: 95 Resp: 124142
Ion Ratio Lower Upper
95 100
97 64.9 45.8 85.2
132 104.2 71.6 133.0
130 110.0 73.6 136.8



#35
Methylcyclohexane
Concen: 46.610 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion: 83 Resp: 168063
Ion Ratio Lower Upper
83 100
55 70.8 59.4 89.2
98 46.4 37.3 55.9





#37

1,2-Dichloropropane

Concen: 50.637 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

MSVOA_U

ClientSampleId :

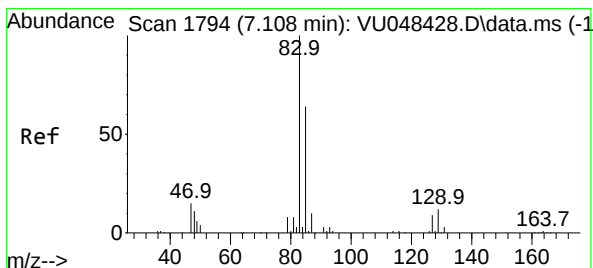
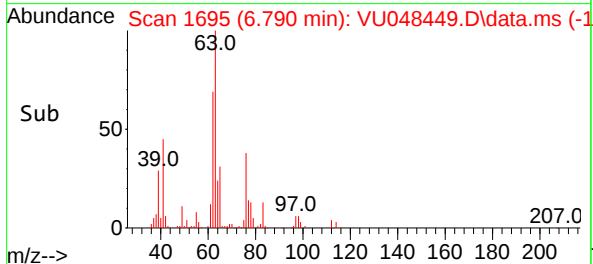
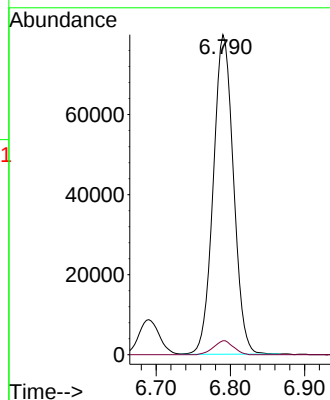
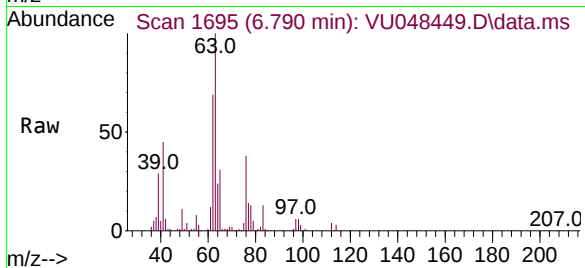
VSTD050116

Tgt Ion: 63 Resp: 150956

Ion Ratio Lower Upper

63 100

112 4.3 3.1 4.7



#38

Bromodichloromethane

Concen: 49.729 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

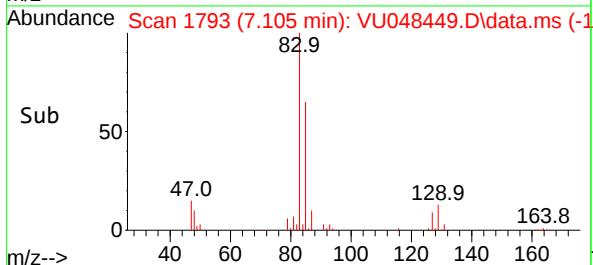
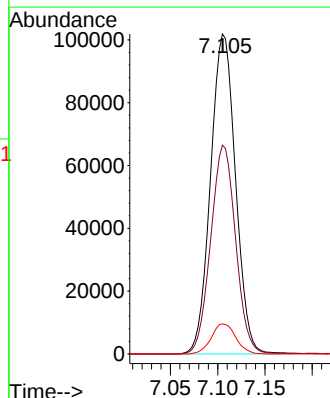
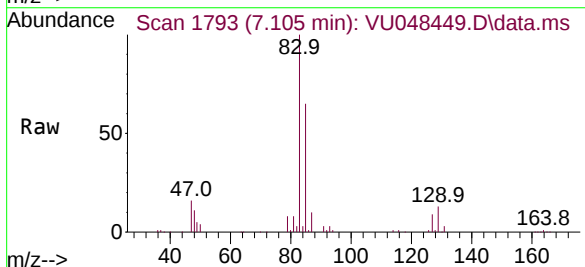
Tgt Ion: 83 Resp: 187218

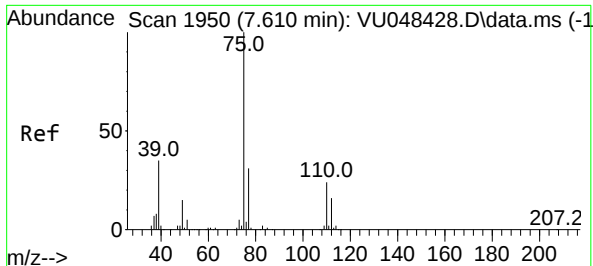
Ion Ratio Lower Upper

83 100

85 65.2 45.3 84.1

127 9.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 50.778 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

MSVOA_U

ClientSampleId :

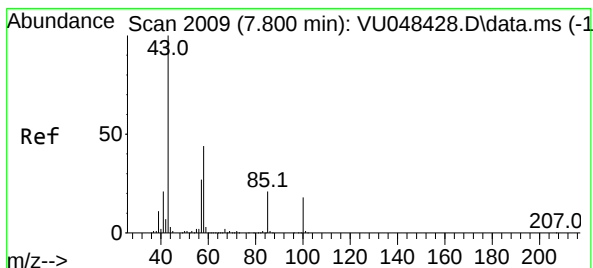
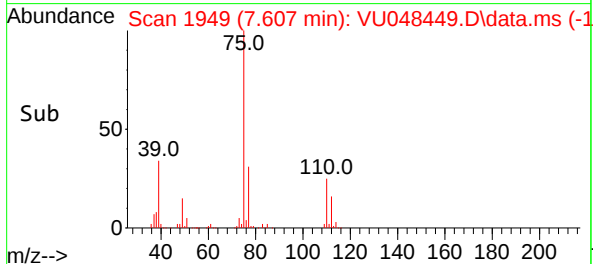
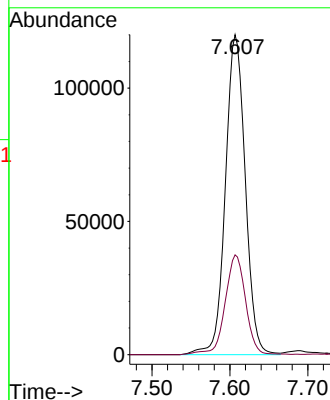
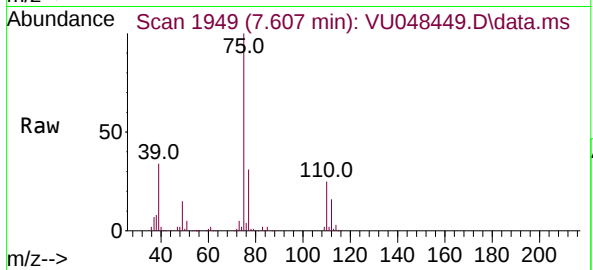
VSTD050116

Tgt Ion: 75 Resp: 212861

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 105.476 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.010 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

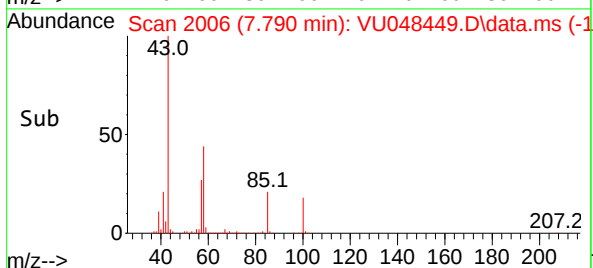
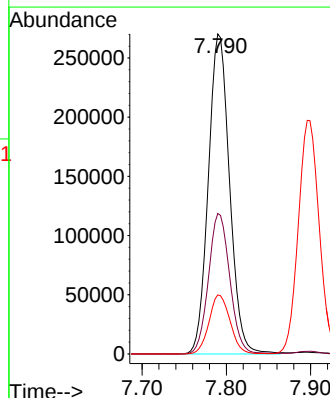
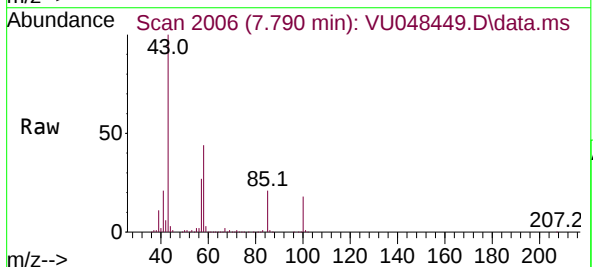
Tgt Ion: 43 Resp: 474257

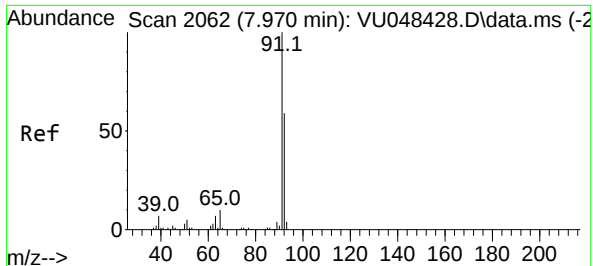
Ion Ratio Lower Upper

43 100

58 44.1 34.4 51.6

100 18.4 13.6 20.4





#42

Toluene

Concen: 51.095 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

MSVOA_U

ClientSampleId :

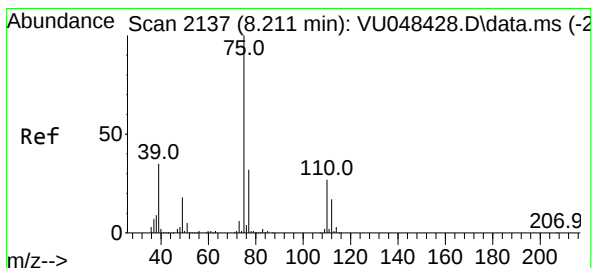
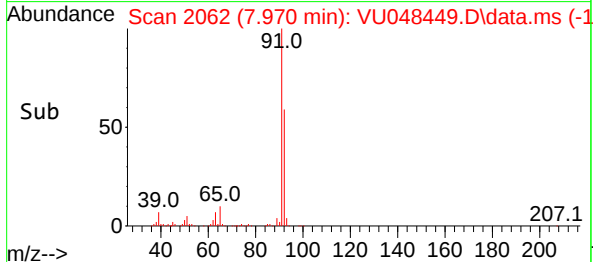
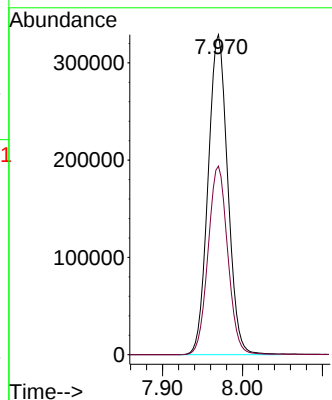
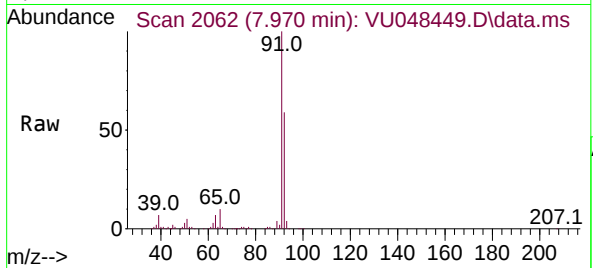
VSTD050116

Tgt Ion: 91 Resp: 562076

Ion Ratio Lower Upper

91 100

92 59.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 49.953 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048449.D

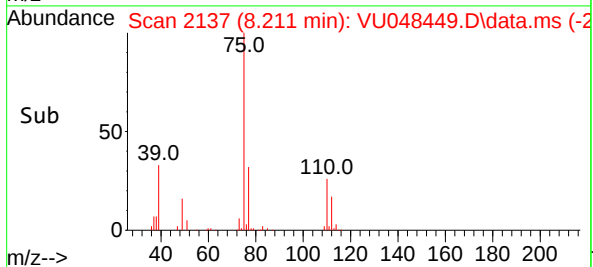
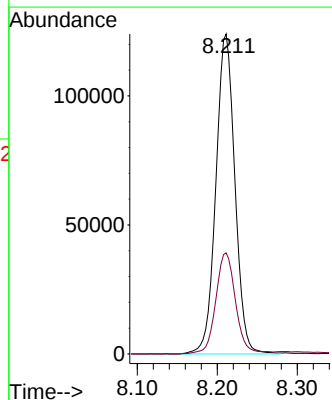
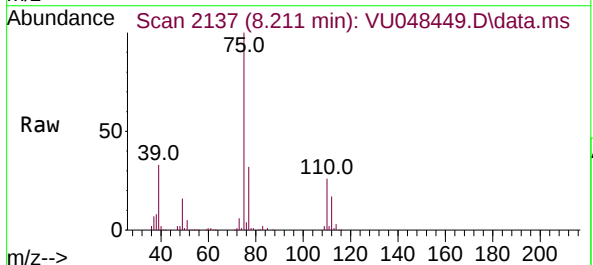
Acq: 05 May 2022 19:57

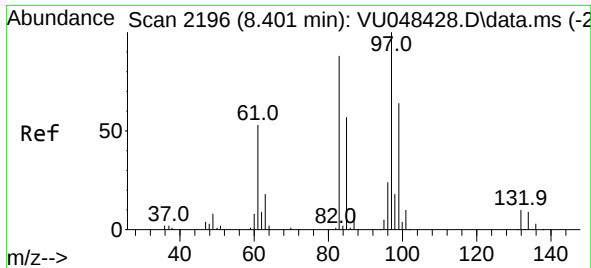
Tgt Ion: 75 Resp: 204571

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



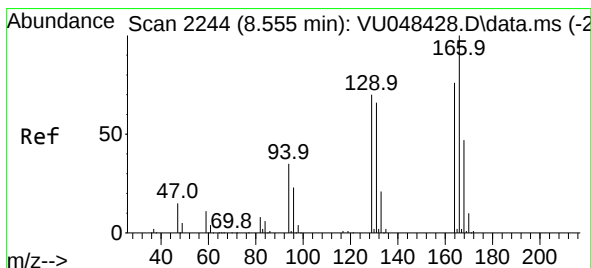
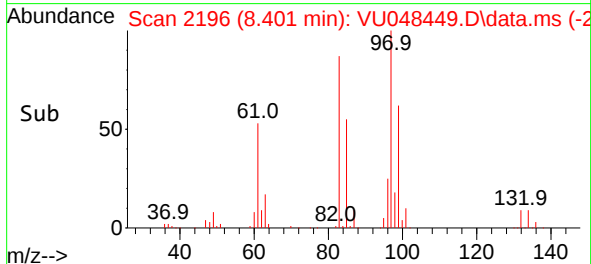
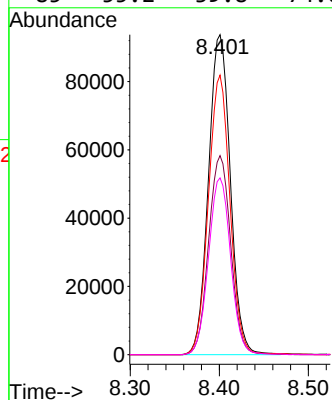
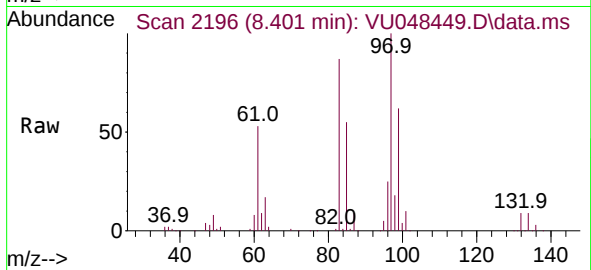


#45
1,1,2-Trichloroethane
Concen: 51.237 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

Tgt Ion: 97 Resp: 160256

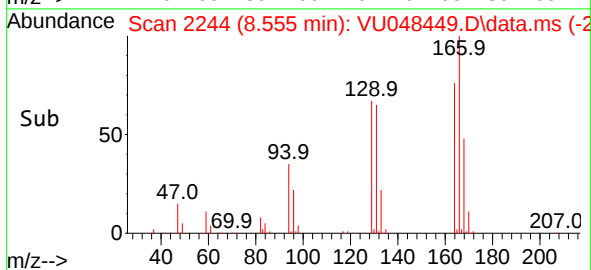
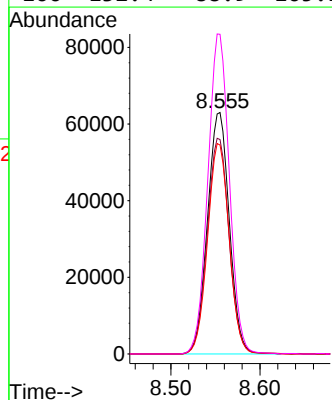
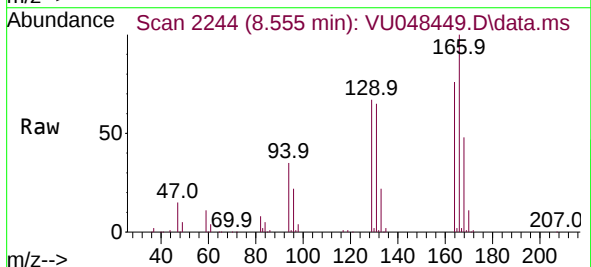
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.7	81.1
83	87.3	62.6	116.2
85	55.2	39.8	74.0

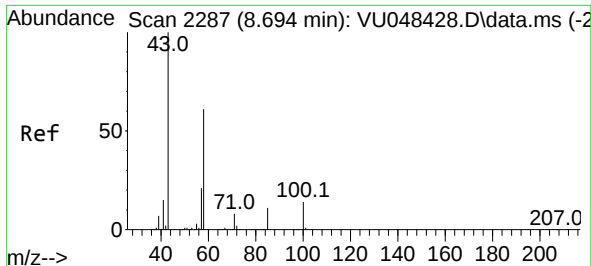


#46
Tetrachloroethene
Concen: 48.684 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion: 164 Resp: 107308

Ion	Ratio	Lower	Upper
164	100		
129	88.8	63.3	117.7
131	86.5	61.2	113.6
166	132.4	88.9	165.1

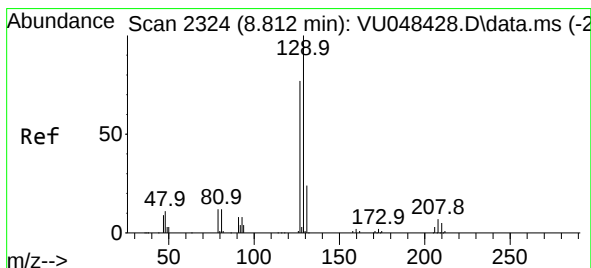
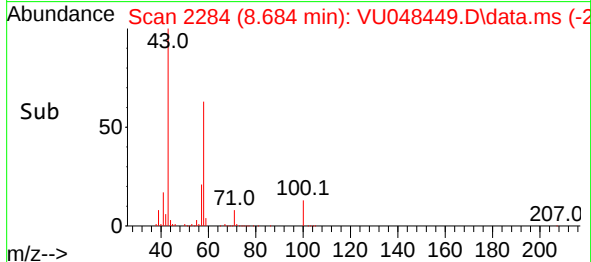
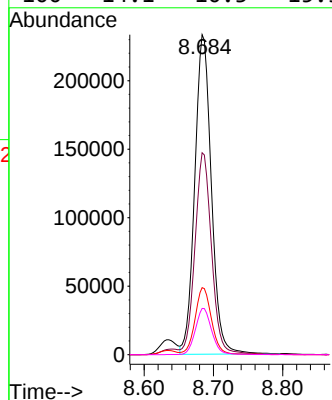
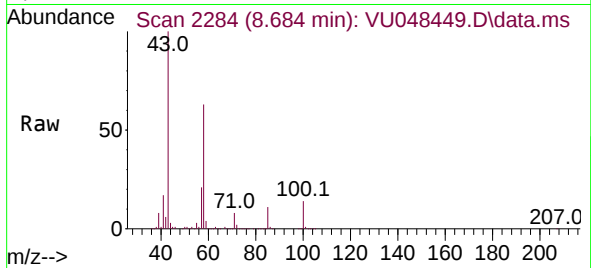




#48
2-Hexanone
Concen: 103.911 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.010 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

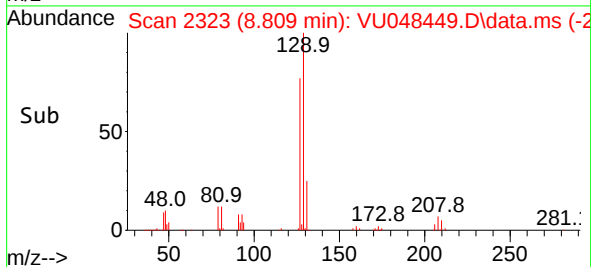
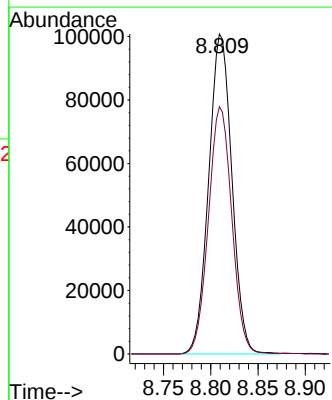
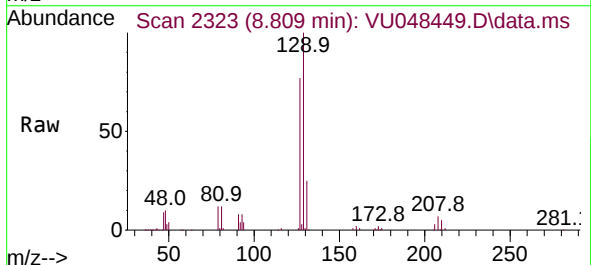
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

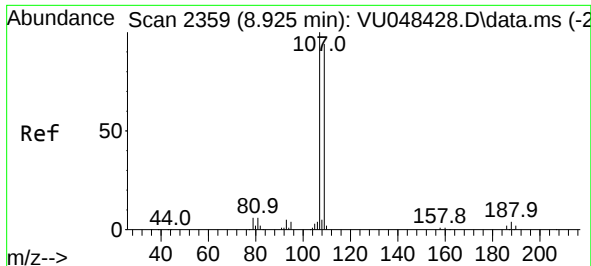
Tgt Ion: 43 Resp: 390158
Ion Ratio Lower Upper
43 100
58 62.5 48.1 72.1
57 20.6 16.2 24.4
100 14.1 10.3 15.5



#49
Dibromochloromethane
Concen: 50.080 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion: 129 Resp: 172120
Ion Ratio Lower Upper
129 100
127 77.2 53.8 99.8

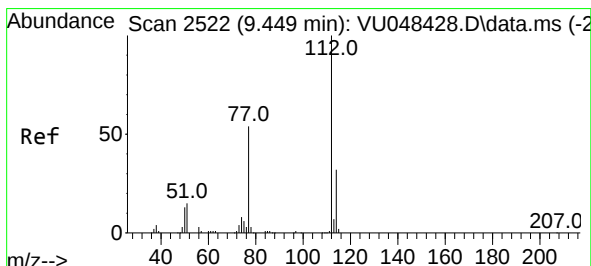
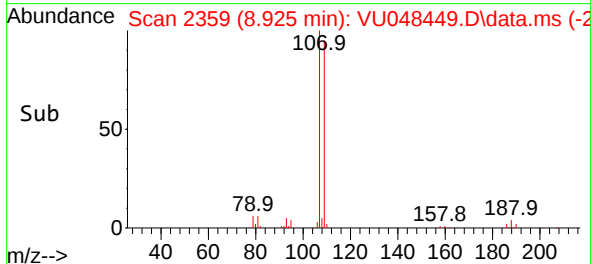
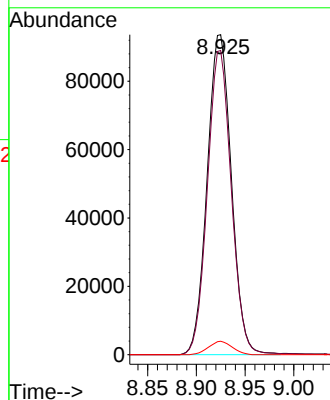
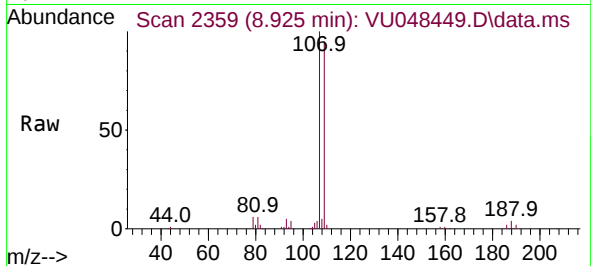




#50
1,2-Dibromoethane
Concen: 51.029 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

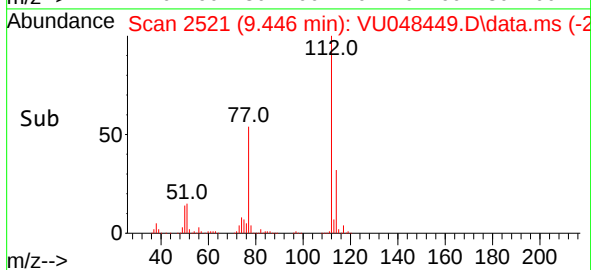
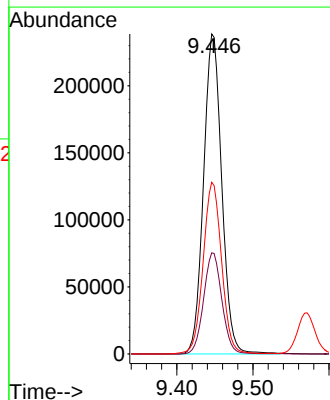
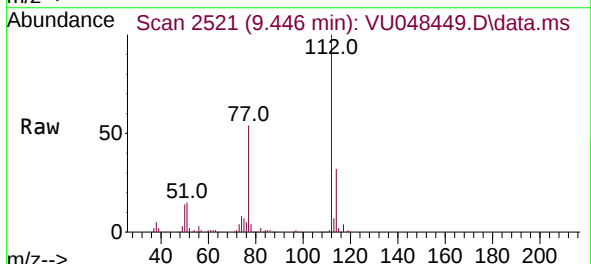
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

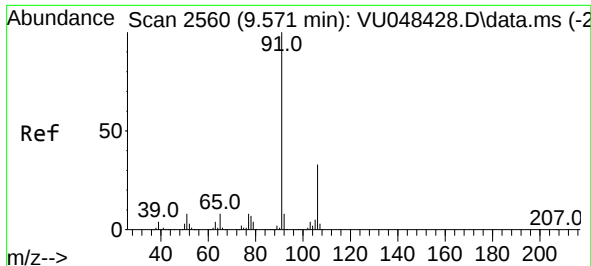
Tgt Ion:107 Resp: 161854
Ion Ratio Lower Upper
107 100
109 95.0 65.0 120.8
188 4.2 3.1 4.7



#51
Chlorobenzene
Concen: 50.097 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion:112 Resp: 397237
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.1
77 53.7 44.3 66.5

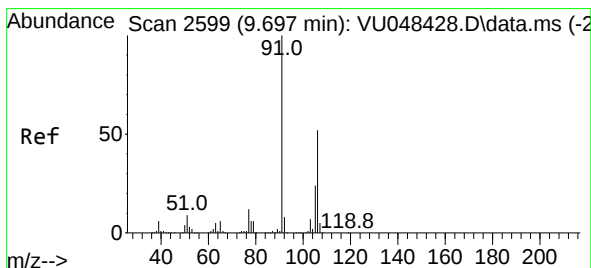
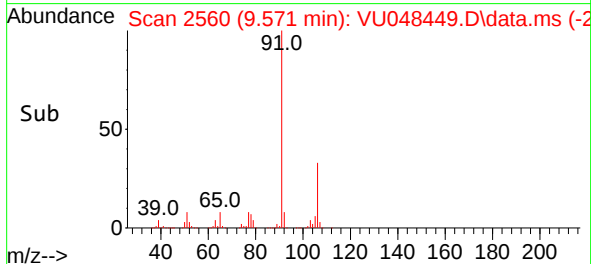
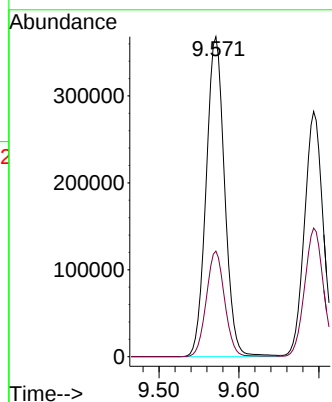
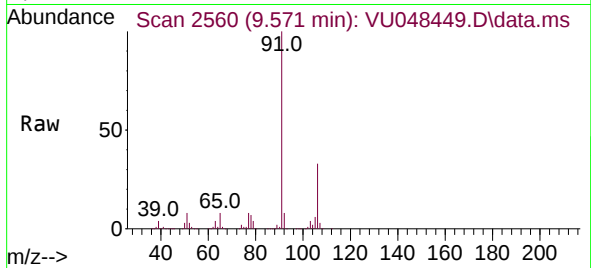




#52
Ethylbenzene
Concen: 52.015 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

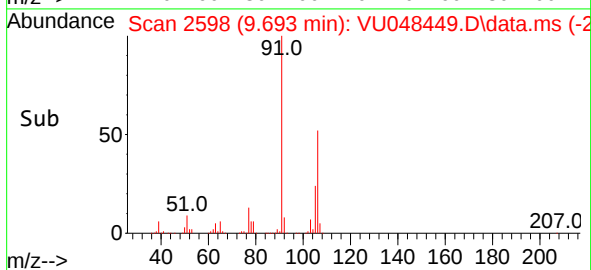
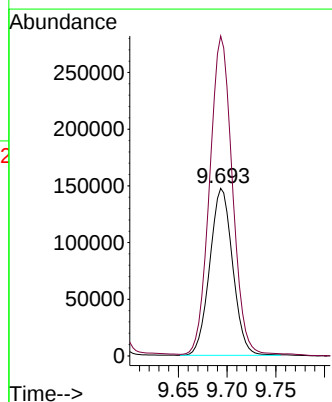
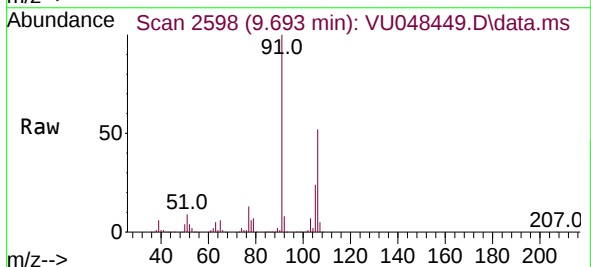
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

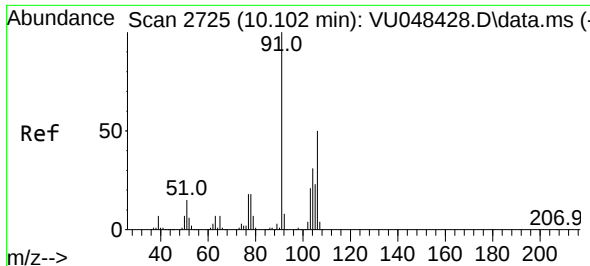
Tgt Ion: 91 Resp: 592596
Ion Ratio Lower Upper
91 100
106 33.0 22.5 41.9



#53
m,p-Xylene
Concen: 53.538 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion: 106 Resp: 240695
Ion Ratio Lower Upper
106 100
91 190.7 137.4 255.2

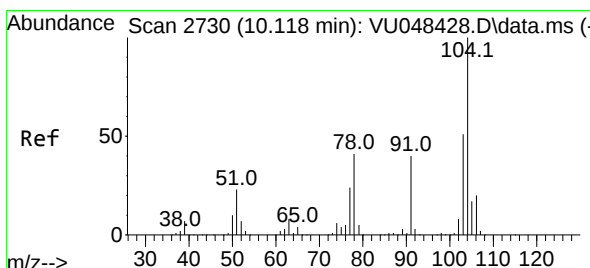
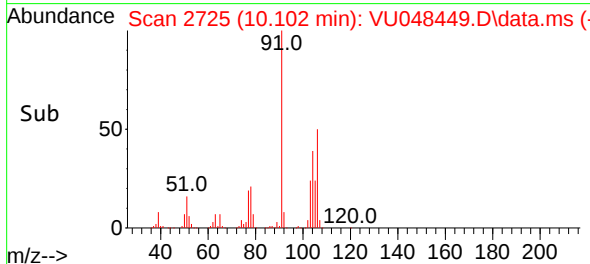
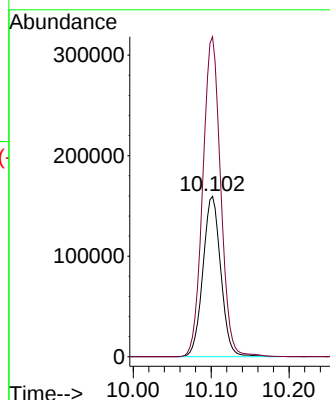
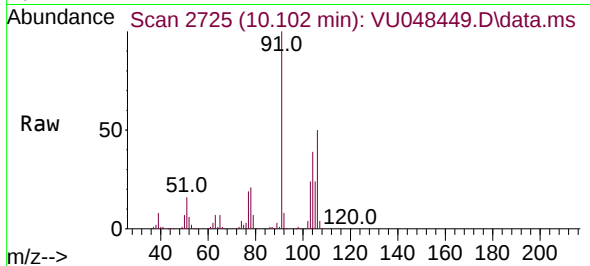




#54
o-Xylene
Concen: 56.211 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

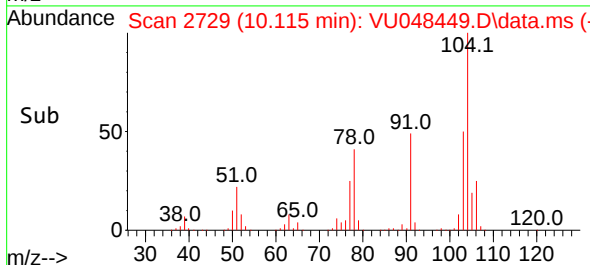
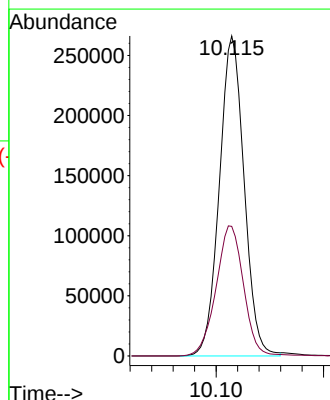
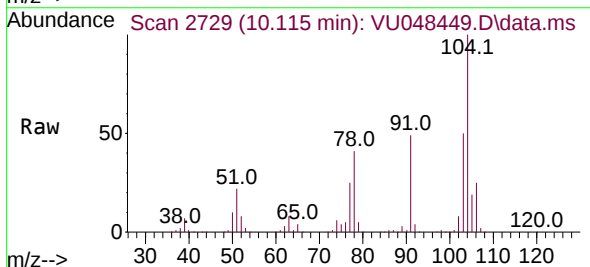
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

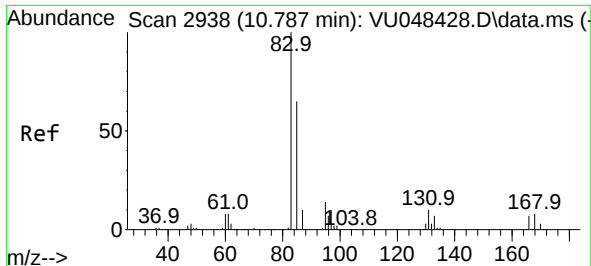
Tgt Ion:106 Resp: 254584
Ion Ratio Lower Upper
106 100
91 199.5 145.3 269.8



#55
Styrene
Concen: 55.121 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion:104 Resp: 425295
Ion Ratio Lower Upper
104 100
78 40.5 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 50.346 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

Instrument :

MSVOA_U

ClientSampleId :

VSTD050116

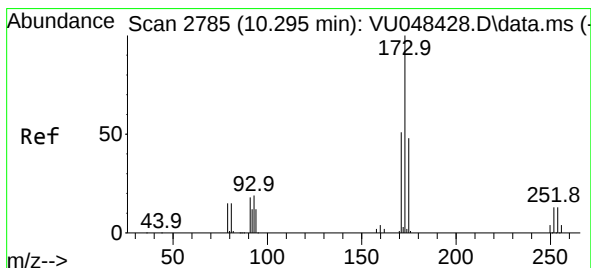
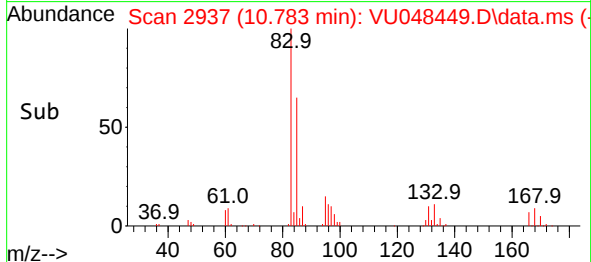
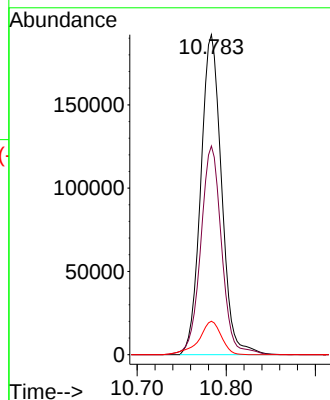
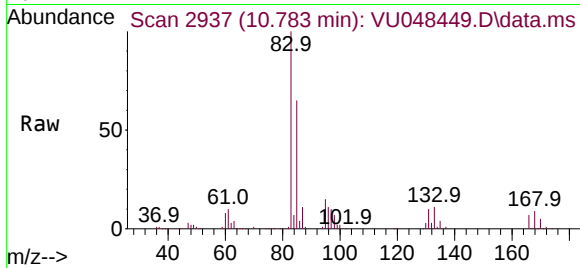
Tgt Ion: 83 Resp: 310783

Ion Ratio Lower Upper

83 100

85 65.2 45.1 83.7

131 10.4 7.8 11.6



#59

Bromoform

Concen: 51.372 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU048449.D

Acq: 05 May 2022 19:57

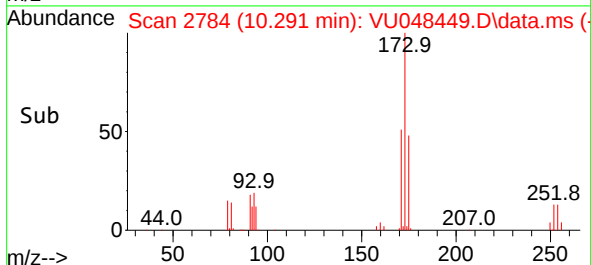
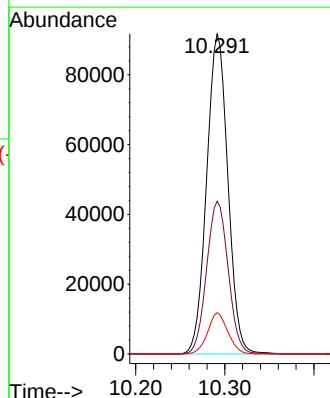
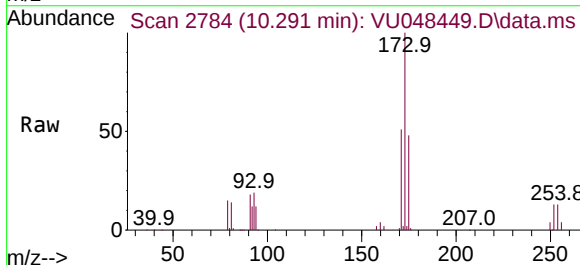
Tgt Ion:173 Resp: 151614

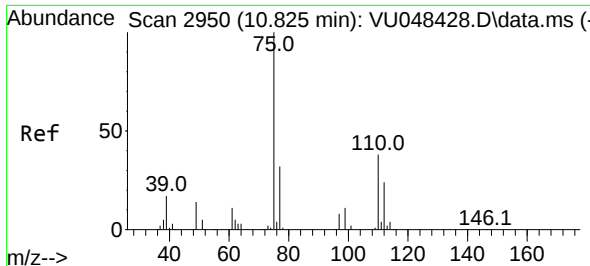
Ion Ratio Lower Upper

173 100

175 48.6 38.9 58.3

254 12.3 9.5 14.3

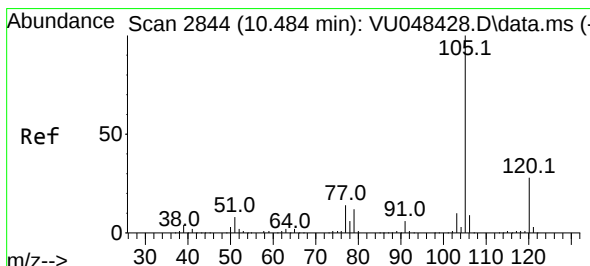
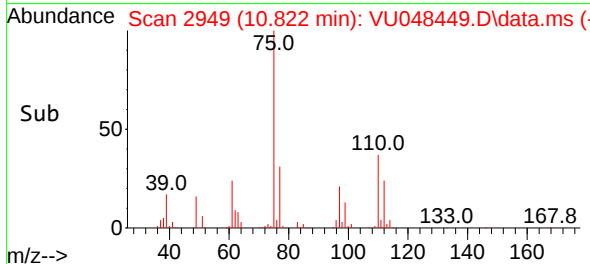
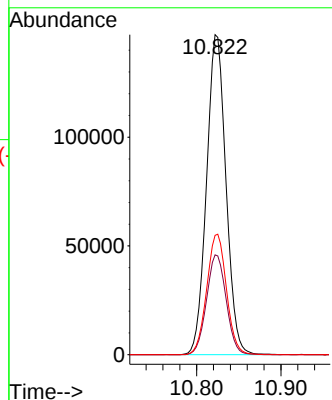
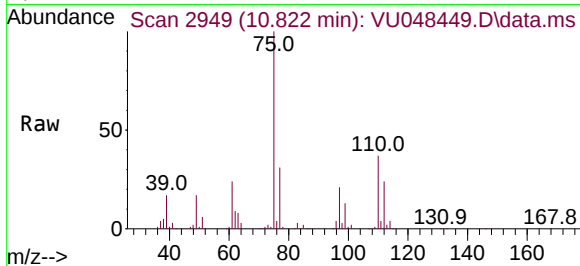




#60
1,2,3-Trichloropropane
Concen: 49.781 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

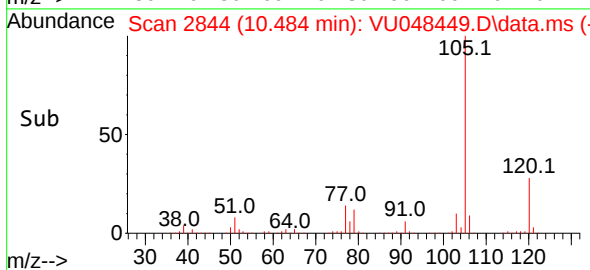
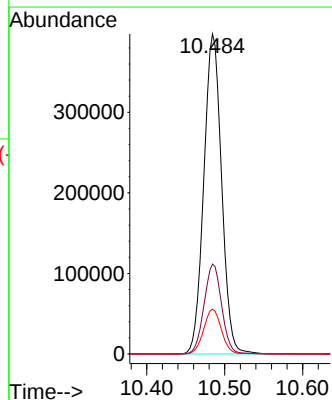
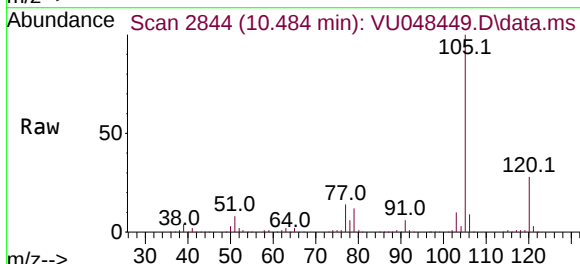
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

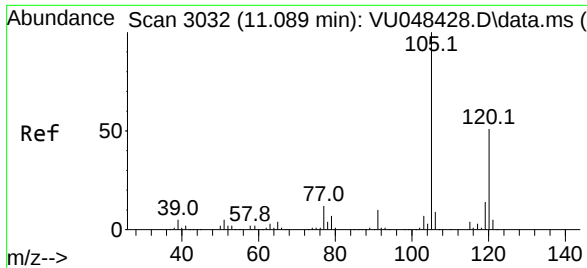
Tgt Ion: 75 Resp: 236167
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
110 38.2 29.9 44.9



#61
Isopropylbenzene
Concen: 55.285 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion: 105 Resp: 628613
Ion Ratio Lower Upper
105 100
120 27.8 21.7 32.5
77 14.0 11.7 17.5

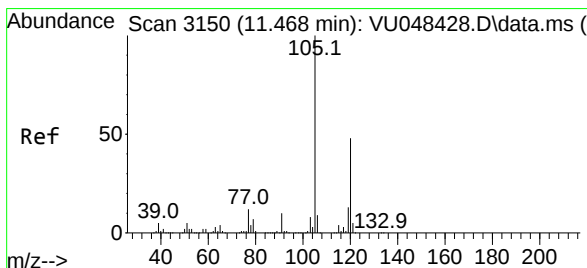
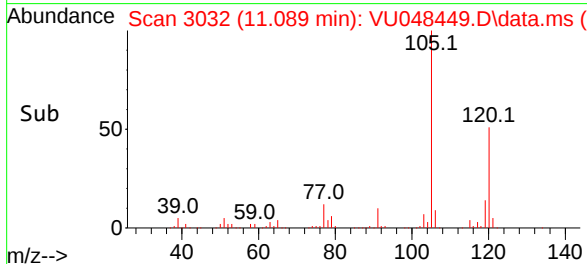
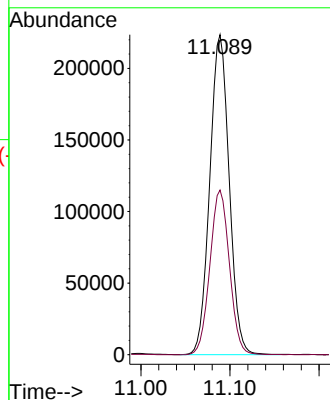
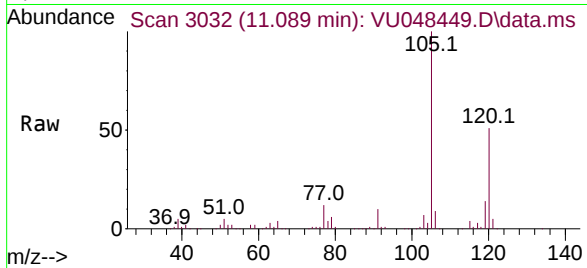




#62
 1,3,5-Trimethylbenzene
 Concen: 56.314 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048449.D
 Acq: 05 May 2022 19:57

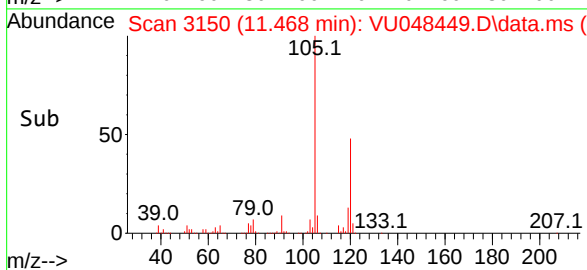
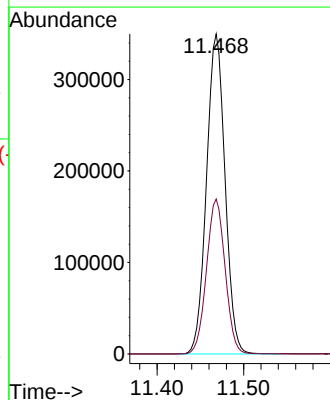
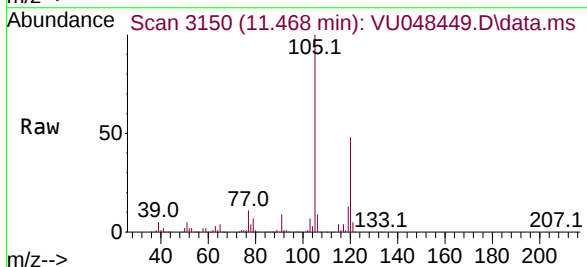
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050116

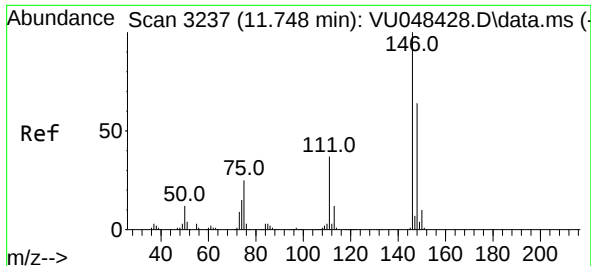
Tgt Ion:105 Resp: 337484
 Ion Ratio Lower Upper
 105 100
 120 51.7 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 56.439 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048449.D
 Acq: 05 May 2022 19:57

Tgt Ion:105 Resp: 520019
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.0 57.0

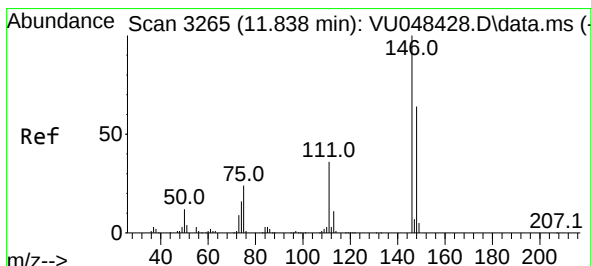
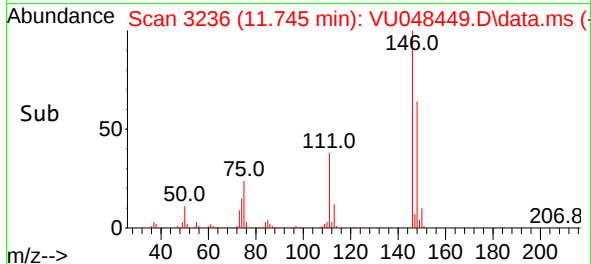
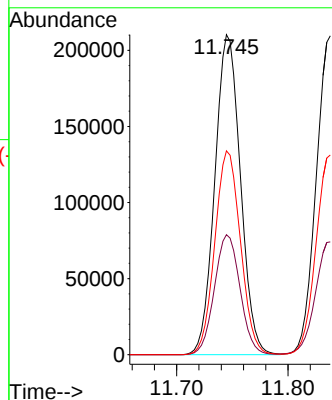
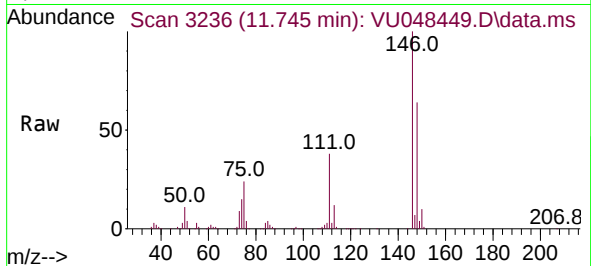




#64
1,3-Dichlorobenzene
Concen: 52.703 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

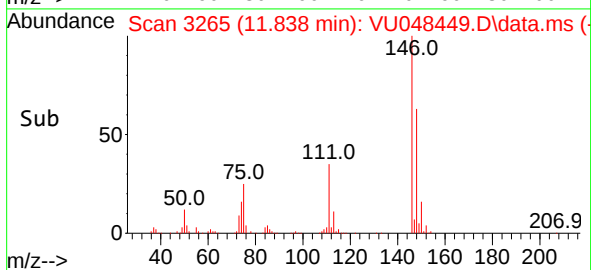
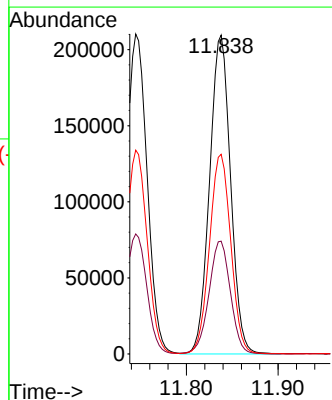
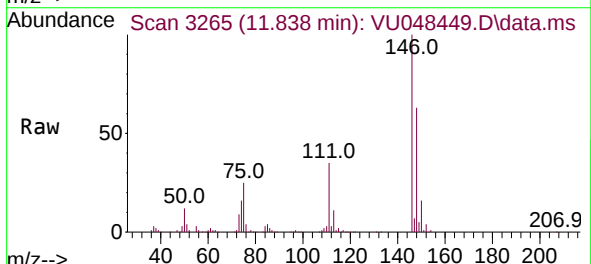
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

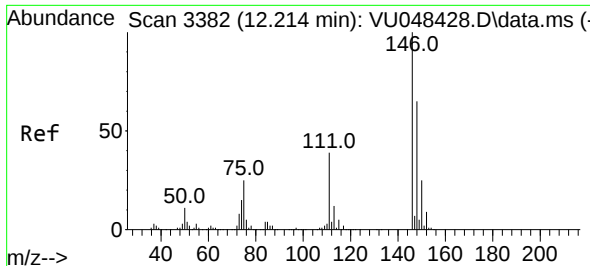
Tgt Ion:146 Resp: 335964
Ion Ratio Lower Upper
146 100
111 37.5 26.7 49.7
148 63.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 51.134 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion:146 Resp: 332778
Ion Ratio Lower Upper
146 100
111 35.4 25.9 48.1
148 62.6 45.1 83.7

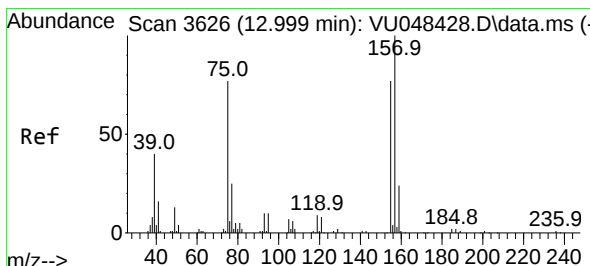
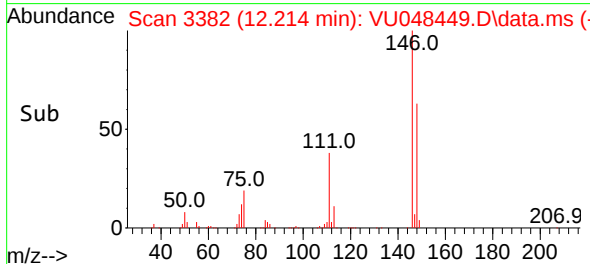
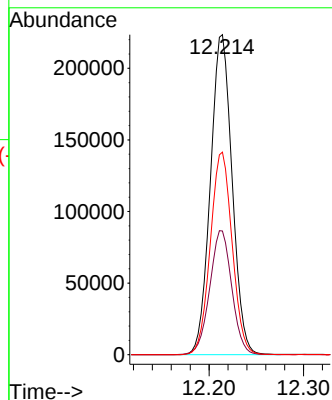
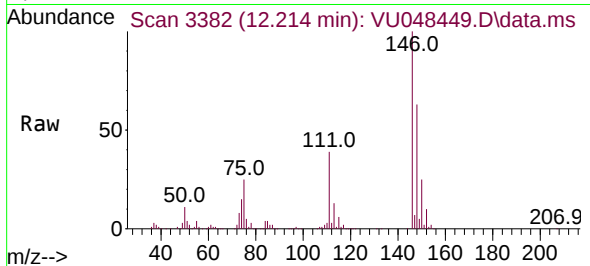




#67
1,2-Dichlorobenzene
Concen: 53.077 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

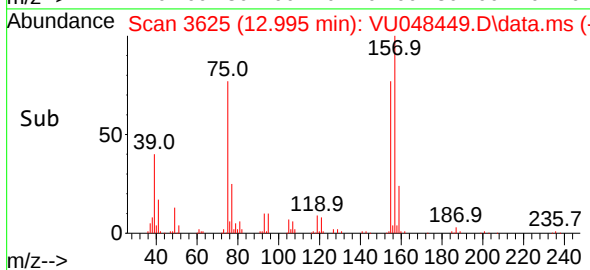
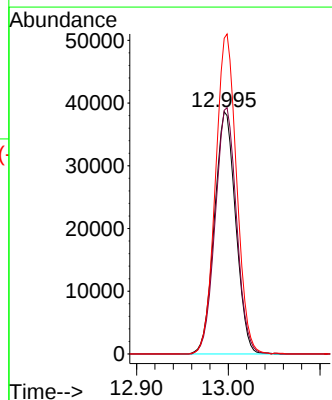
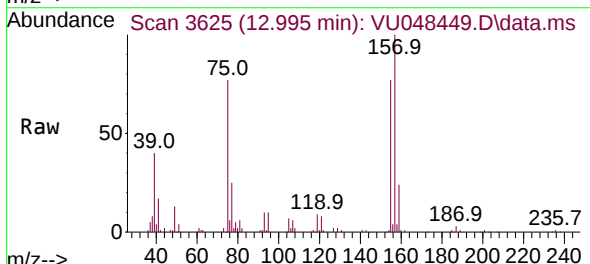
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

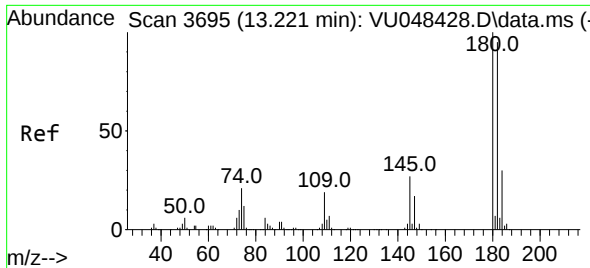
Tgt Ion:146 Resp: 356427
Ion Ratio Lower Upper
146 100
111 38.7 31.7 47.5
148 63.3 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 49.323 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion: 75 Resp: 62465
Ion Ratio Lower Upper
75 100
155 100.6 71.8 107.6
157 130.4 93.4 140.2

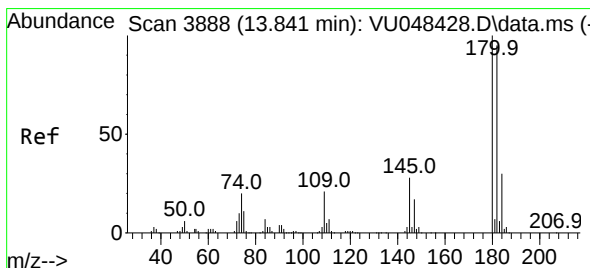
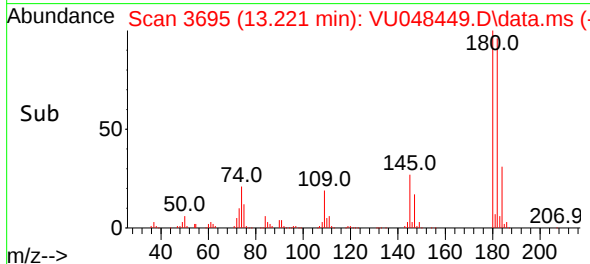
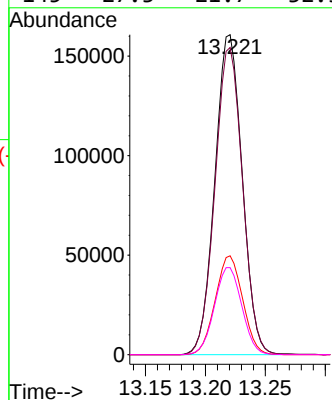
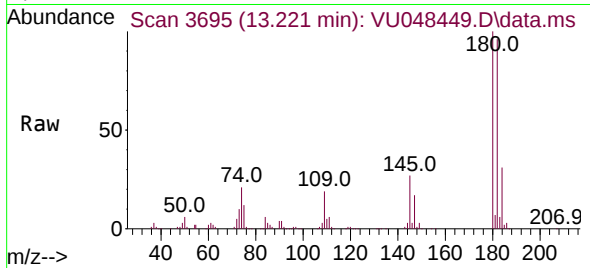




#69
1,3,5-Trichlorobenzene
Concen: 53.820 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

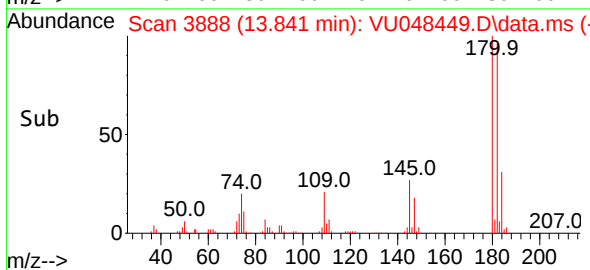
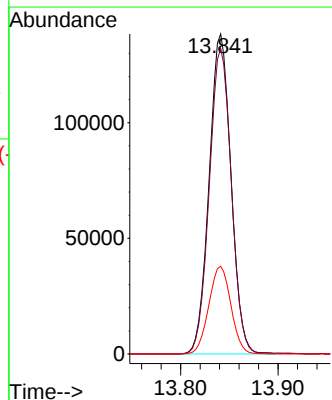
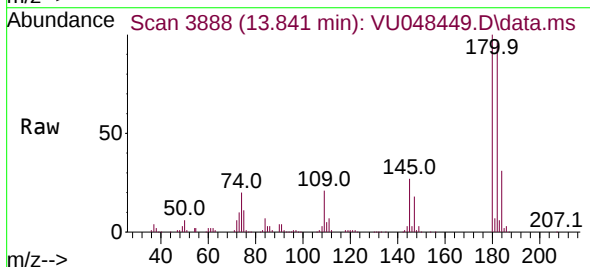
Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

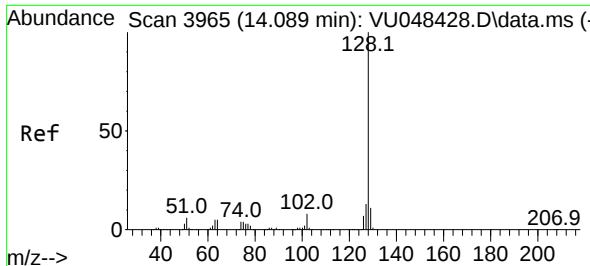
Tgt Ion:180	Resp:	254938
Ion	Ratio	Lower Upper
180	100	
182	96.7	77.0 115.4
184	30.9	24.6 37.0
145	27.3	21.7 32.5



#70
1,2,4-trichlorobenzene
Concen: 57.678 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion:180	Resp:	215842
Ion	Ratio	Lower Upper
180	100	
182	96.0	76.3 114.5
145	27.6	22.6 33.8

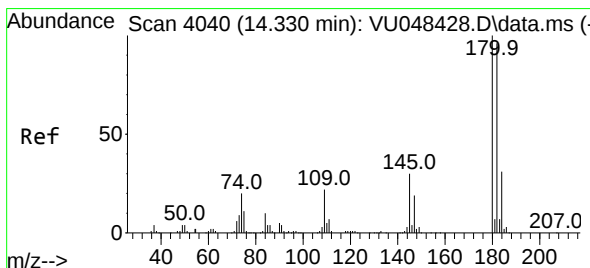
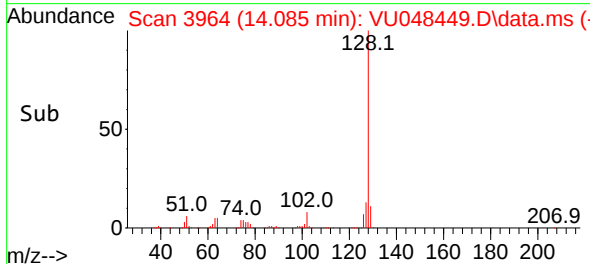
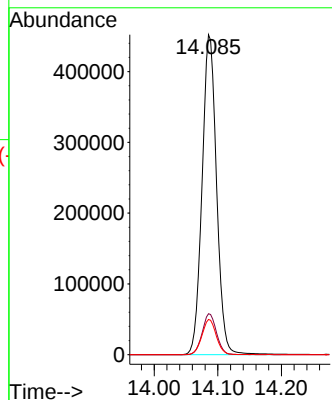
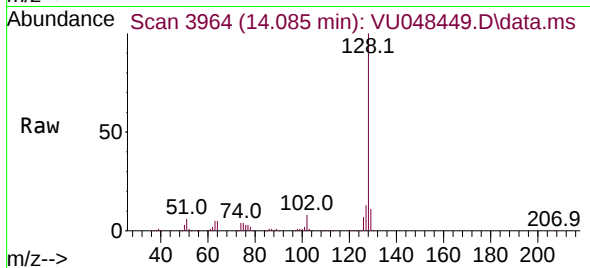




#71
Naphthalene
Concen: 66.729 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Instrument :
MSVOA_U
ClientSampleId :
VSTD050116

Tgt Ion:128 Resp: 714639
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 60.565 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048449.D
Acq: 05 May 2022 19:57

Tgt Ion:180 Resp: 232277
Ion Ratio Lower Upper
180 100
182 96.3 75.8 113.6
145 29.5 23.5 35.3

