

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051922\
 Data File : VU048623.D
 Acq On : 19 May 2022 09:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050134

Quant Time: May 20 04:32:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 19 06:01:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	232979	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	232928	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	141953	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	53831	37.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.440%
7) Chloroethane-d5	1.912	69	43279	40.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.960%
11) 1,1-Dichloroethene-d2	2.571	63	142753	44.234	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.460%
21) 2-Butanone-d5	4.620	46	107208	78.948	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.950%
24) Chloroform-d	5.067	84	166201	46.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.180%
26) 1,2-Dichloroethane-d4	5.703	65	114268	44.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
32) Benzene-d6	5.729	84	282264	43.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
36) 1,2-Dichloropropane-d6	6.694	67	80182	42.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.260%
41) Toluene-d8	7.899	98	271846	44.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	8.179	79	47954	39.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.820%
47) 2-Hexanone-d5	8.632	63	79706	76.370	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.370%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	135794	43.122	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.240%
66) 1,2-Dichlorobenzene-d4	12.195	152	124381	42.862	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	115316	46.058	ug/L	97
3) Chloromethane	1.523	50	67227	43.518	ug/L	99
5) Vinyl chloride	1.607	62	73658	44.822	ug/L	100
6) Bromomethane	1.854	94	54641	46.057	ug/L	98
8) Chloroethane	1.935	64	45391	46.927	ug/L	99
9) Trichlorofluoromethane	2.141	101	154843	48.266	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	79810	48.787	ug/L	96
12) 1,1-Dichloroethene	2.581	96	73943	48.780	ug/L	93
13) Acetone	2.623	43	79674	72.218	ug/L	99
14) Carbon disulfide	2.797	76	202905	46.126	ug/L	99
15) Methyl Acetate	2.948	43	80598	42.805	ug/L	97
16) Methylene chloride	3.047	84	86020	48.744	ug/L	94
17) trans-1,2-Dichloroethene	3.356	96	79730	48.767	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	284767	50.203	ug/L	99
19) 1,1-Dichloroethane	3.874	63	145610	48.648	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	90904	49.304	ug/L	96
22) 2-Butanone	4.700	43	112398	80.238	ug/L	98
23) Bromochloromethane	4.977	128	50724	49.579	ug/L	92
25) Chloroform	5.092	83	175622	50.268	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051922\
 Data File : VU048623.D
 Acq On : 19 May 2022 09:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050134

Quant Time: May 20 04:32:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 19 06:01:59 2022
 Response via : Initial Calibration

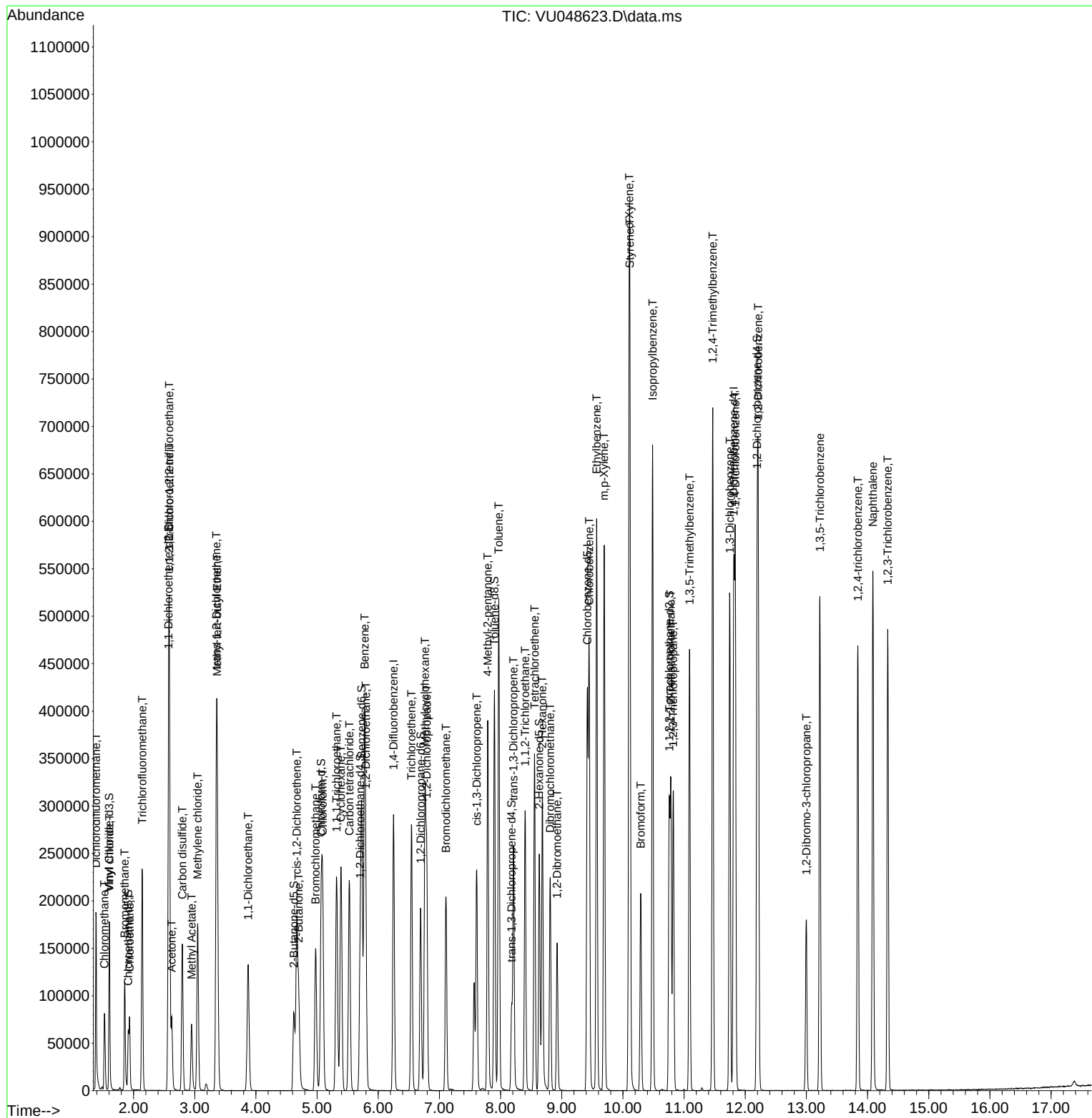
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	148130	49.425	ug/L	99
29) Cyclohexane	5.391	56	108820	45.485	ug/L	95
30) 1,1,1-Trichloroethane	5.317	97	172608	48.941	ug/L	99
31) Carbon tetrachloride	5.526	117	157291	48.936	ug/L	99
33) Benzene	5.777	78	323757	47.576	ug/L	100
34) Trichloroethene	6.542	95	93246	48.431	ug/L	98
35) Methylcyclohexane	6.764	83	125130	45.290	ug/L	99
37) 1,2-Dichloropropane	6.793	63	80155	47.106	ug/L	99
38) Bromodichloromethane	7.105	83	135115	49.078	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	130482	44.914	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	226102	87.073	ug/L	97
42) Toluene	7.970	91	369103	49.763	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	143126	46.715	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	88970	48.825	ug/L	98
46) Tetrachloroethene	8.555	164	78696	50.090	ug/L	98
48) 2-Hexanone	8.684	43	173462	77.965	ug/L	97
49) Dibromochloromethane	8.812	129	117720	50.249	ug/L	95
50) 1,2-Dibromoethane	8.925	107	102290	48.640	ug/L #	96
51) Chlorobenzene	9.449	112	251927	48.699	ug/L	98
52) Ethylbenzene	9.571	91	411419	48.537	ug/L	98
53) m,p-Xylene	9.693	106	163546	48.011	ug/L	95
54) o-Xylene	10.102	106	160862	49.293	ug/L	99
55) Styrene	10.115	104	284851	50.203	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	141863	45.046	ug/L	98
59) Bromoform	10.291	173	96402	49.404	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	129605	46.036	ug/L	98
61) Isopropylbenzene	10.484	105	431923	49.406	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	249473	50.195	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	391692	50.681	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	219178	48.616	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	222654	47.592	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	223401	48.718	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	48228	44.307	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	164994	45.916	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	149772	46.083	ug/L	99
71) Naphthalene	14.085	128	449010	41.899	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	150610	46.156	ug/L	98

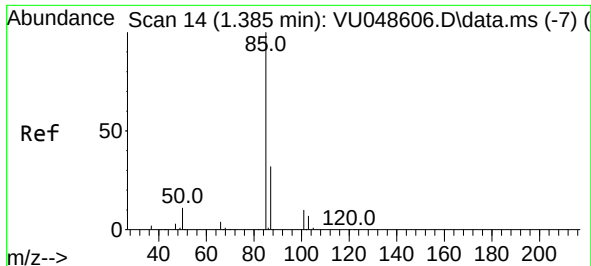
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051922\
Data File : VU048623.D
Acq On : 19 May 2022 09:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

Quant Time: May 20 04:32:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 19 06:01:59 2022
Response via : Initial Calibration

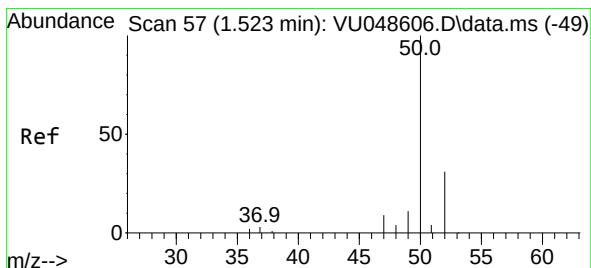
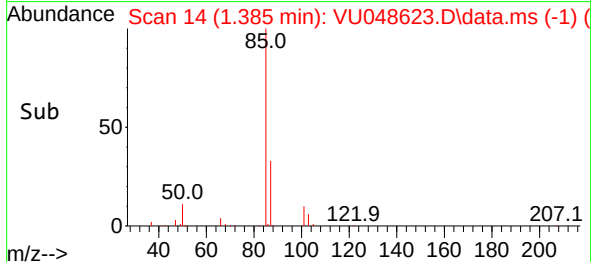
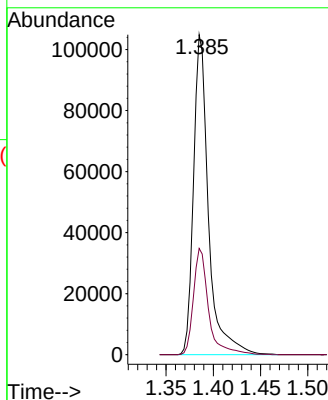
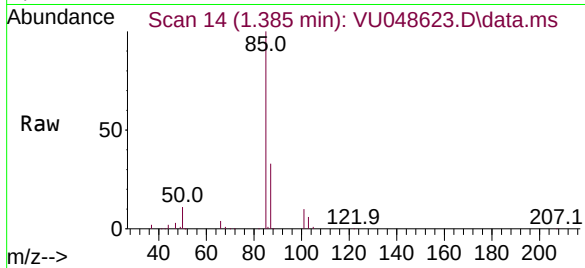




#2
Dichlorodifluoromethane
Concen: 46.058 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

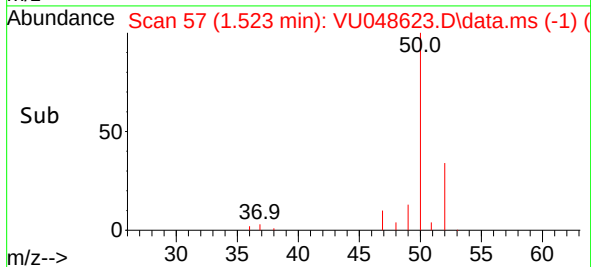
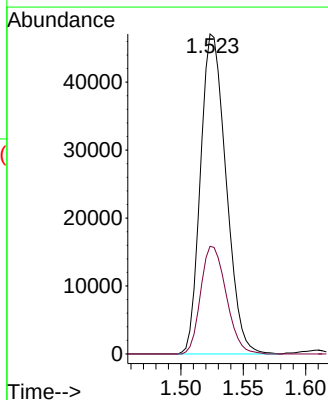
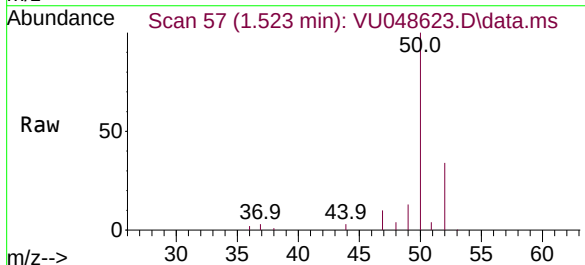
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

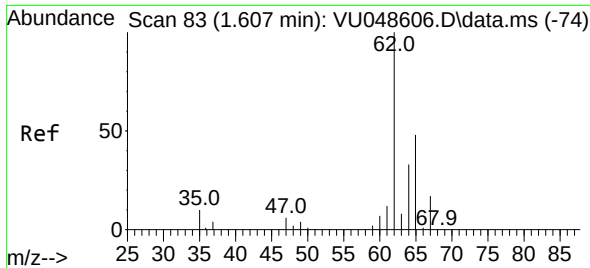
Tgt Ion: 85 Resp: 115316
Ion Ratio Lower Upper
85 100
87 33.5 25.4 38.2



#3
Chloromethane
Concen: 43.518 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion: 50 Resp: 67227
Ion Ratio Lower Upper
50 100
52 33.7 23.8 44.2

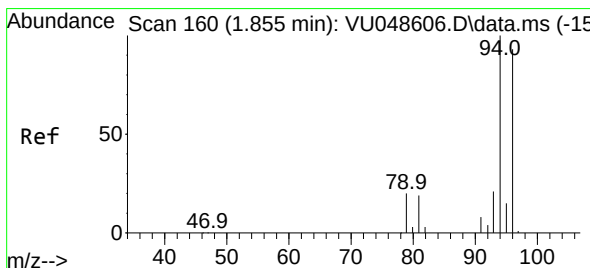
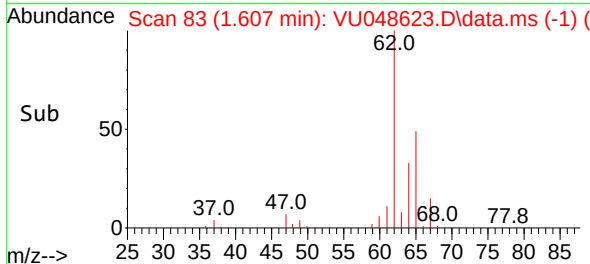
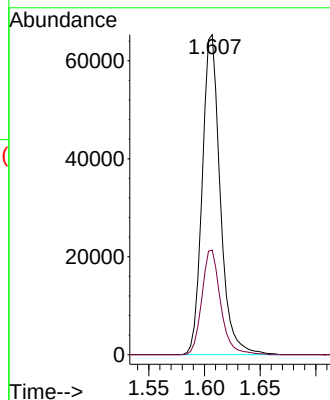
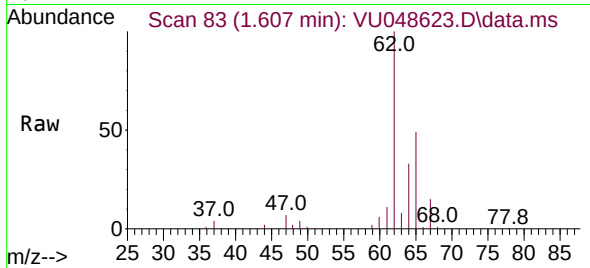




#5
 Vinyl chloride
 Concen: 44.822 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048623.D
 Acq: 19 May 2022 09:42

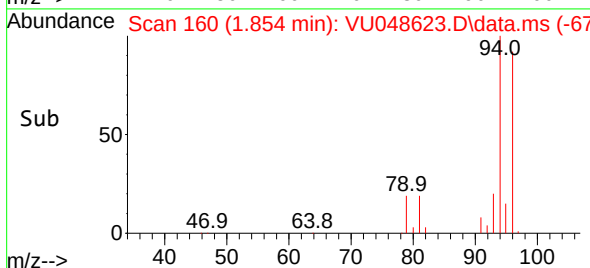
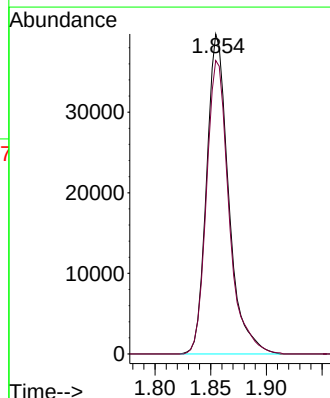
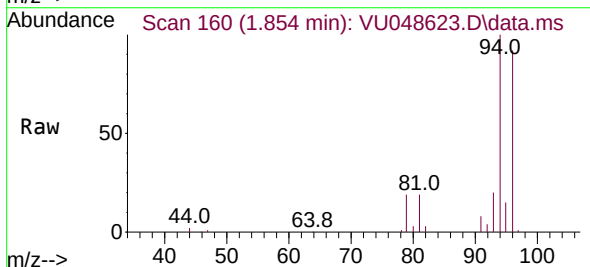
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050134

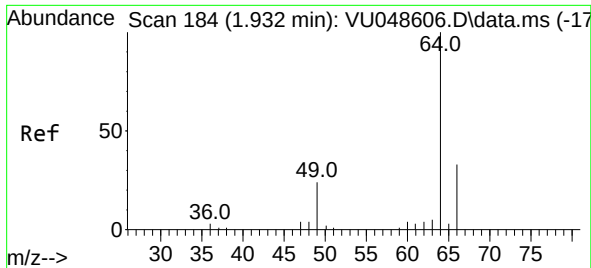
Tgt Ion: 62 Resp: 73658
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 46.057 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU048623.D
 Acq: 19 May 2022 09:42

Tgt Ion: 94 Resp: 54641
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.7 121.9

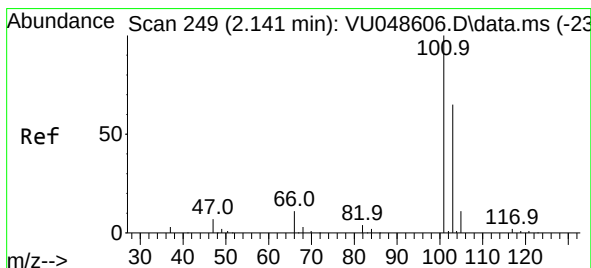
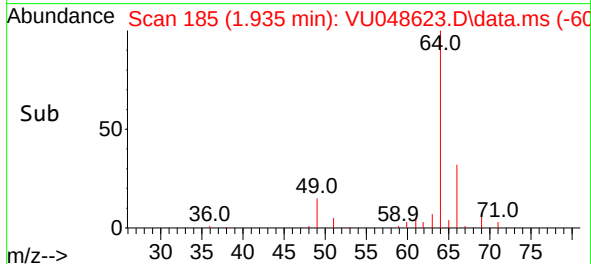
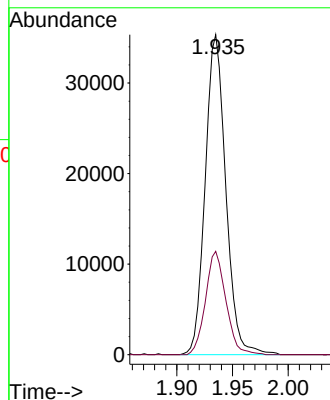
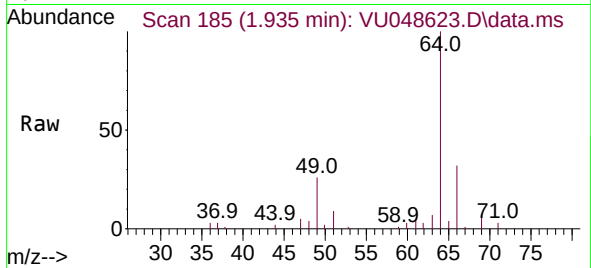




#8
Chloroethane
Concen: 46.927 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

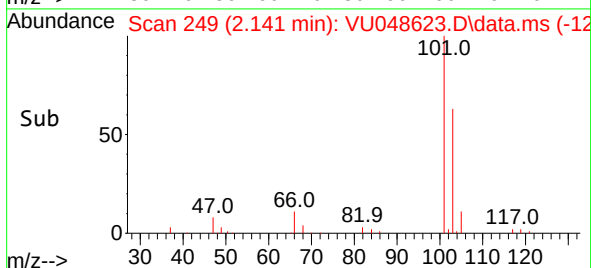
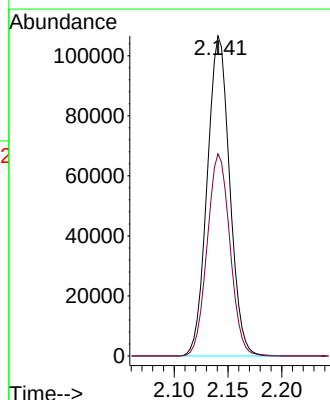
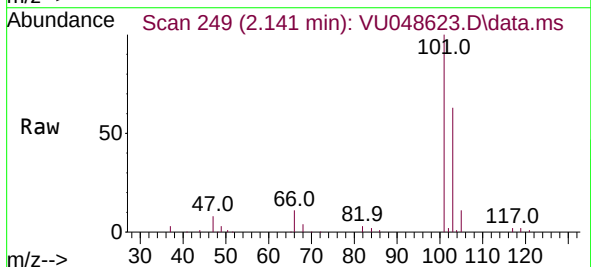
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

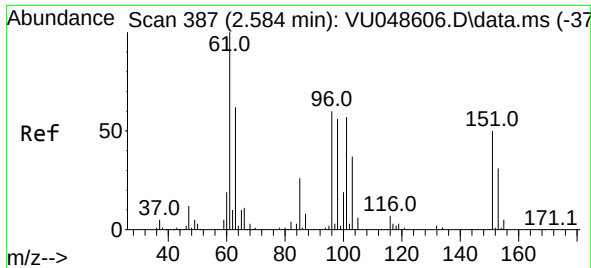
Tgt Ion: 64 Resp: 45391
Ion Ratio Lower Upper
64 100
66 32.3 23.1 42.9



#9
Trichlorofluoromethane
Concen: 48.266 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion:101 Resp: 154843
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

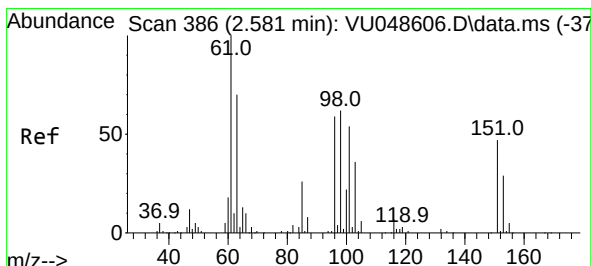
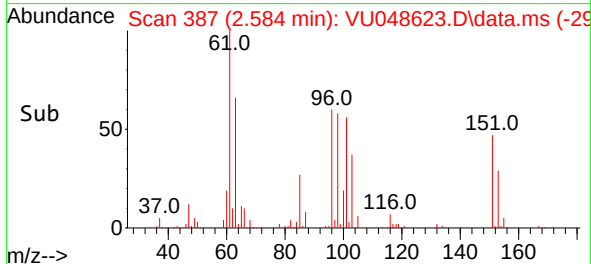
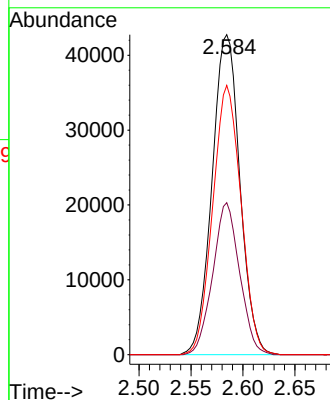
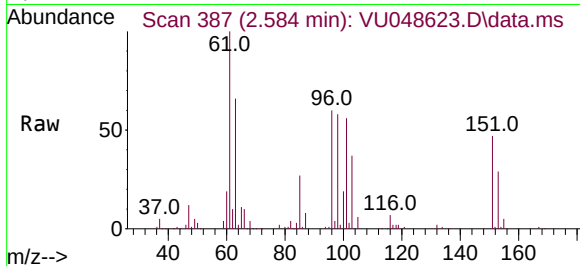




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.787 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

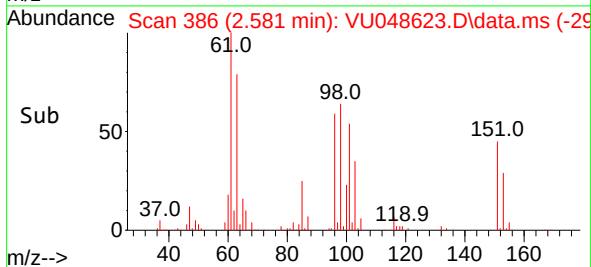
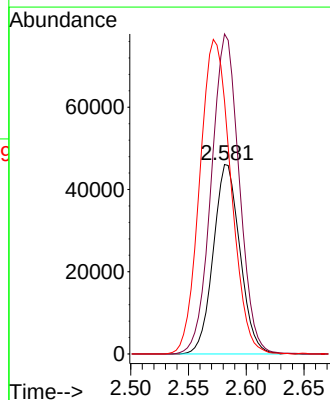
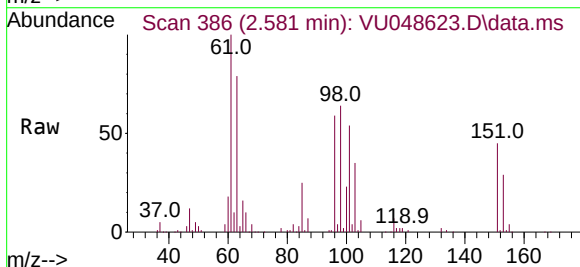
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

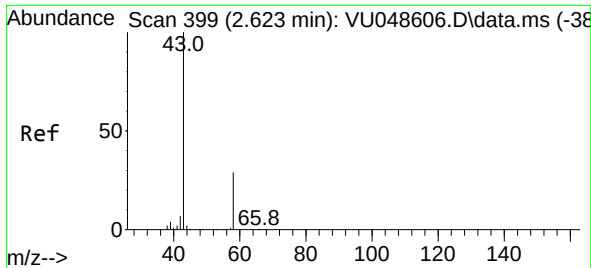
Tgt Ion:101 Resp: 79810
Ion Ratio Lower Upper
101 100
85 45.7 35.7 53.5
151 85.2 64.4 96.6



#12
1,1-Dichloroethene
Concen: 48.780 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion: 96 Resp: 73943
Ion Ratio Lower Upper
96 100
61 168.8 120.6 224.0
63 133.5 82.3 152.9





#13

Acetone

Concen: 72.218 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

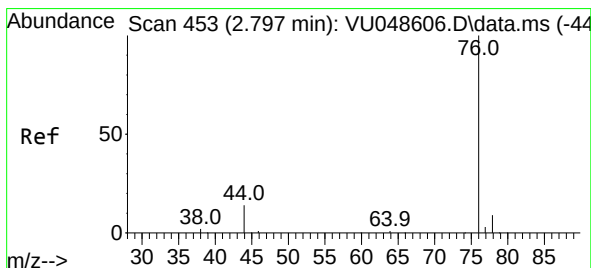
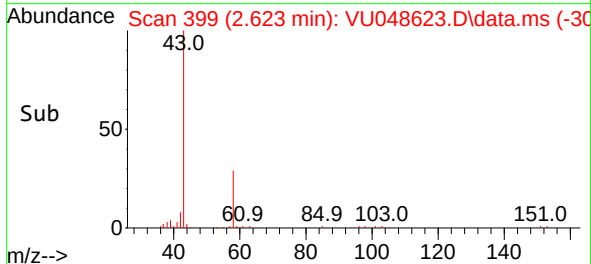
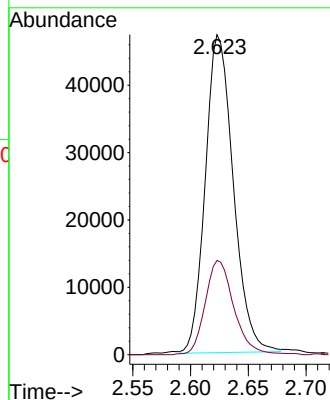
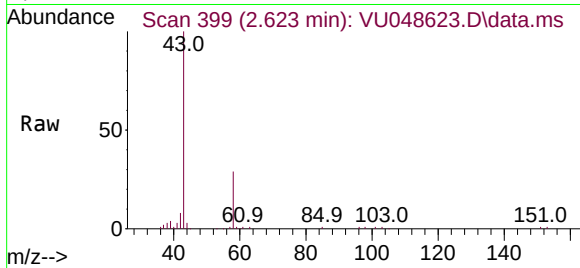
VSTD050134

Tgt Ion: 43 Resp: 79674

Ion Ratio Lower Upper

43 100

58 30.4 0.0 59.8



#14

Carbon disulfide

Concen: 46.126 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU048623.D

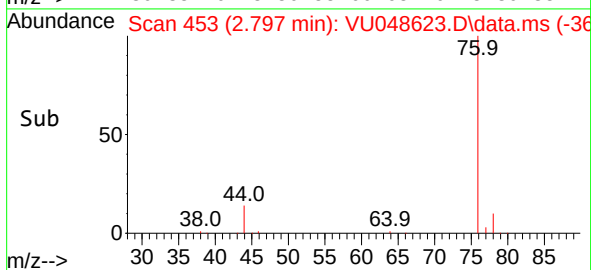
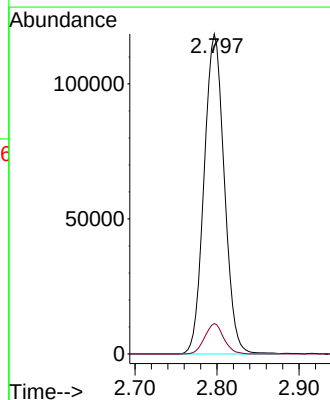
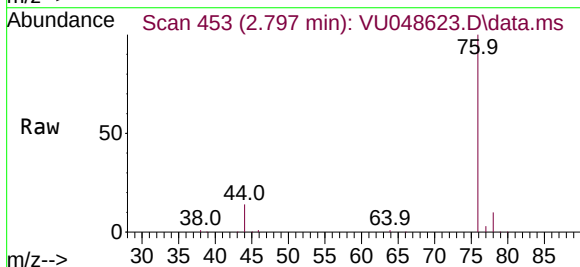
Acq: 19 May 2022 09:42

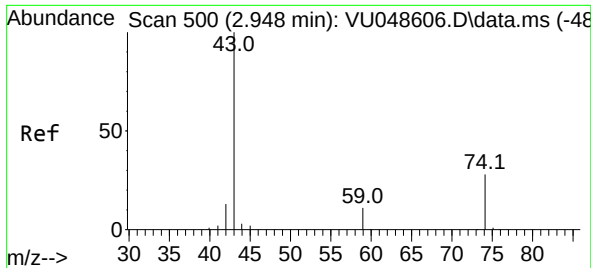
Tgt Ion: 76 Resp: 202905

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

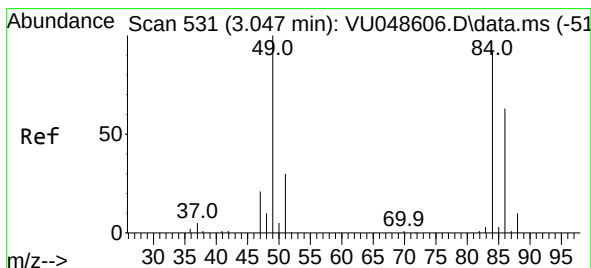
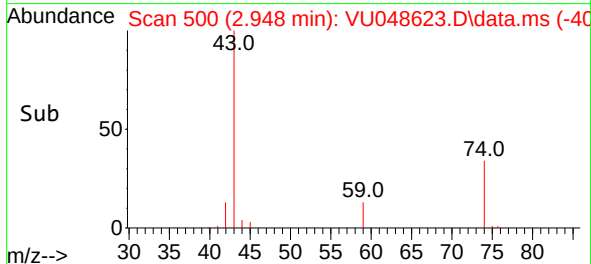
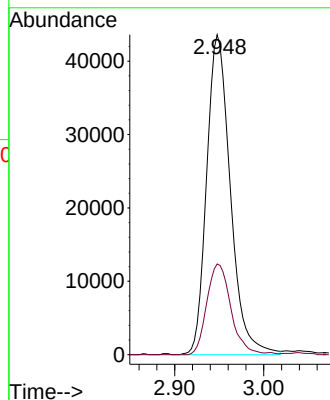
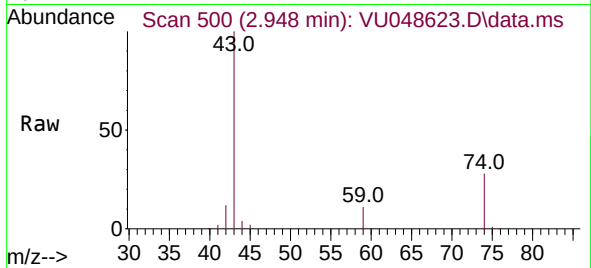




#15
Methyl Acetate
Concen: 42.805 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

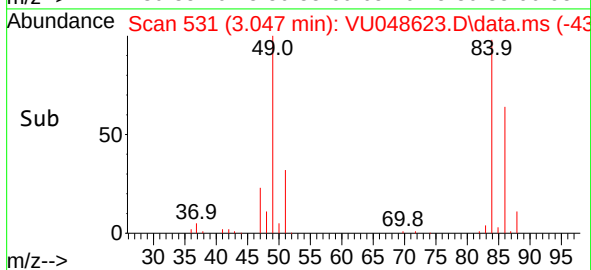
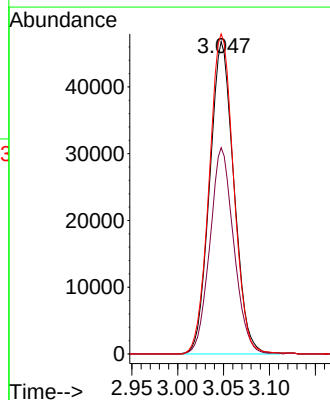
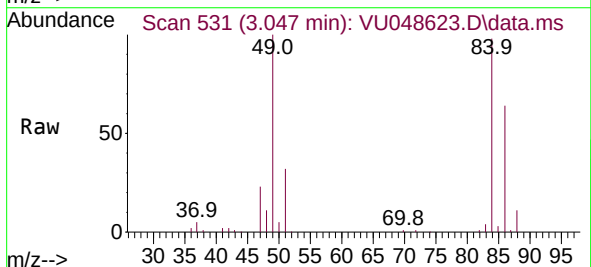
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

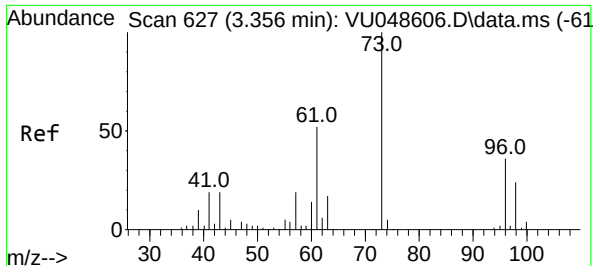
Tgt Ion: 43 Resp: 80598
Ion Ratio Lower Upper
43 100
74 28.7 21.7 32.5



#16
Methylene chloride
Concen: 48.744 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion: 84 Resp: 86020
Ion Ratio Lower Upper
84 100
86 66.0 43.5 80.9
49 102.5 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 48.767 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050134

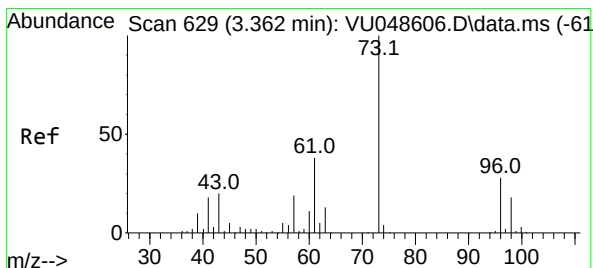
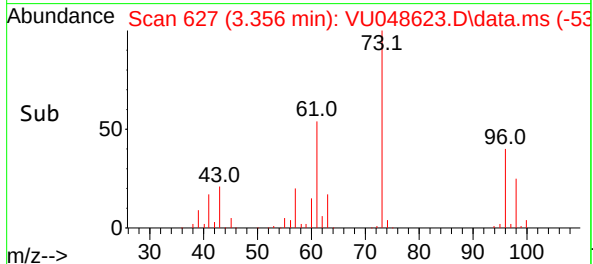
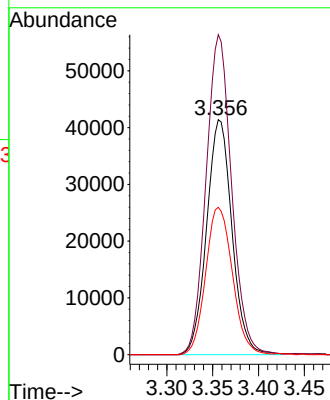
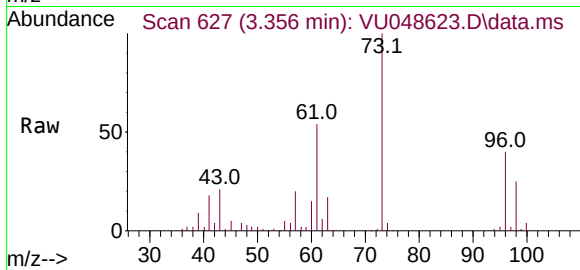
Tgt Ion: 96 Resp: 79730

Ion Ratio Lower Upper

96 100

61 136.1 94.2 175.0

98 62.7 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 50.203 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

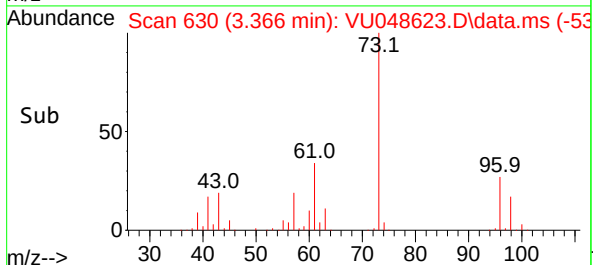
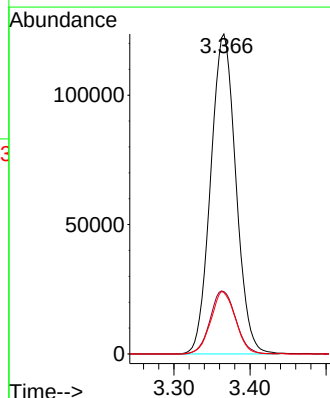
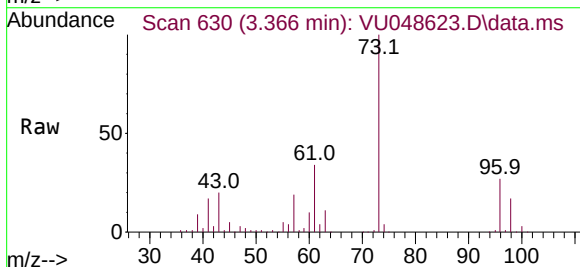
Tgt Ion: 73 Resp: 284767

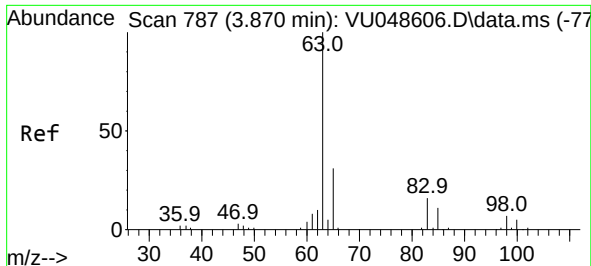
Ion Ratio Lower Upper

73 100

43 20.1 16.2 24.4

57 19.0 15.7 23.5





#19

1,1-Dichloroethane

Concen: 48.648 ug/L

RT: 3.874 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050134

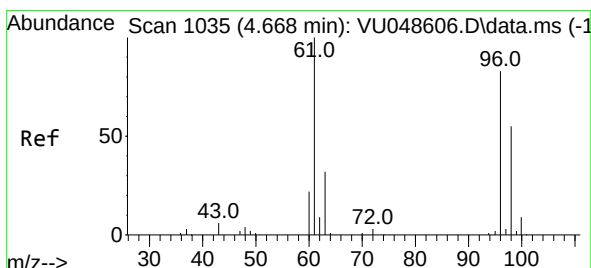
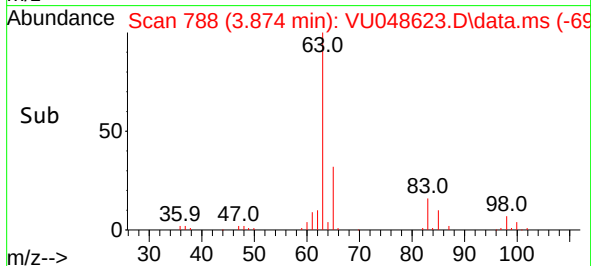
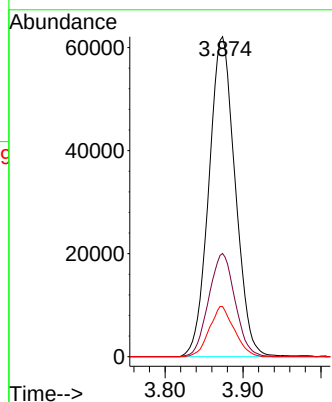
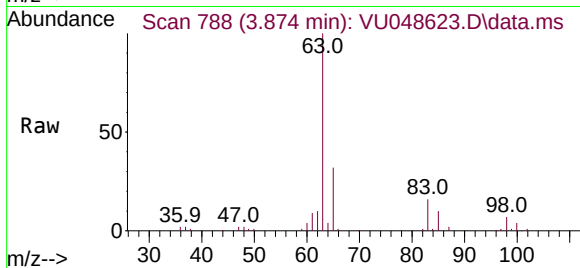
Tgt Ion: 63 Resp: 145610

Ion Ratio Lower Upper

63 100

65 32.2 21.8 40.6

83 15.7 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 49.304 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

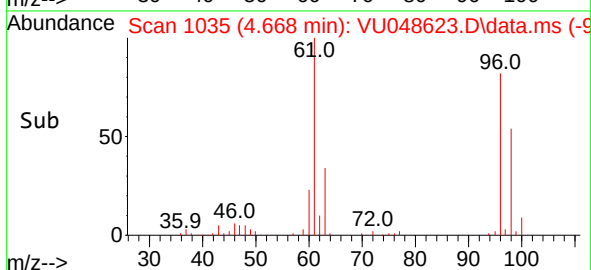
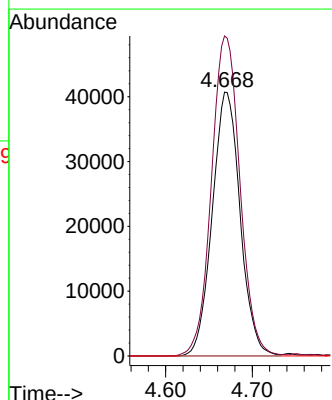
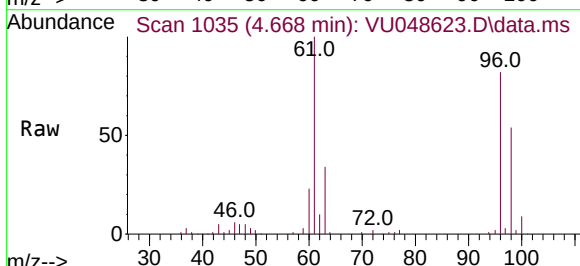
Tgt Ion: 96 Resp: 90904

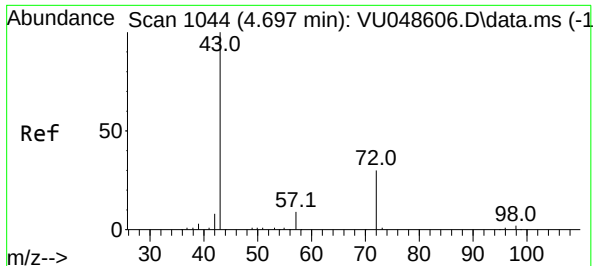
Ion Ratio Lower Upper

96 100

61 121.3 88.3 164.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 80.238 ug/L

RT: 4.700 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

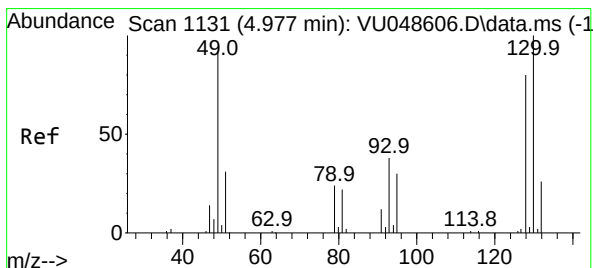
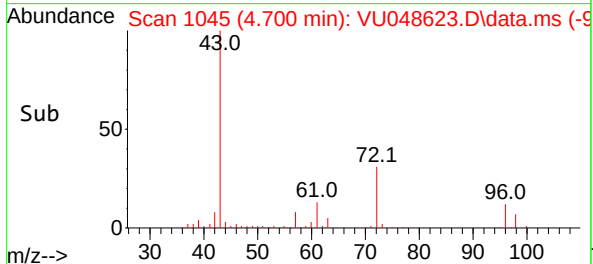
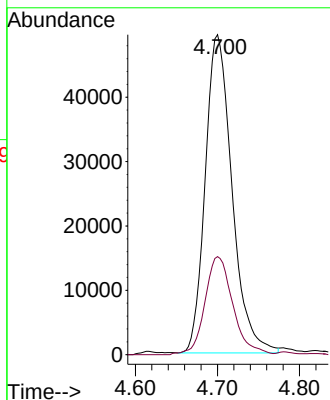
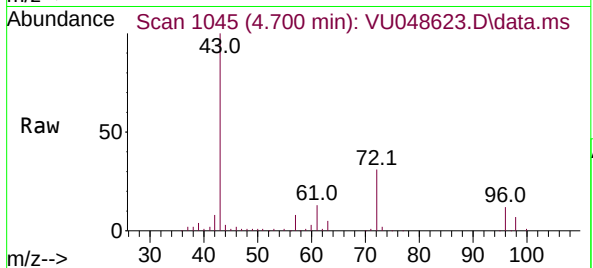
VSTD050134

Tgt Ion: 43 Resp: 112398

Ion Ratio Lower Upper

43 100

72 32.1 15.4 46.2



#23

Bromochloromethane

Concen: 49.579 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Tgt Ion:128 Resp: 50724

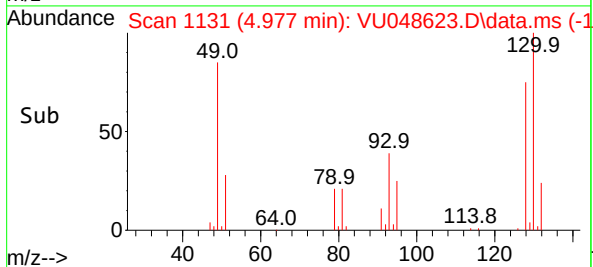
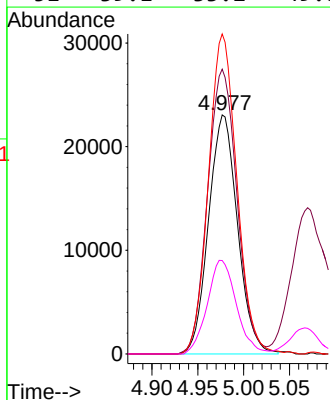
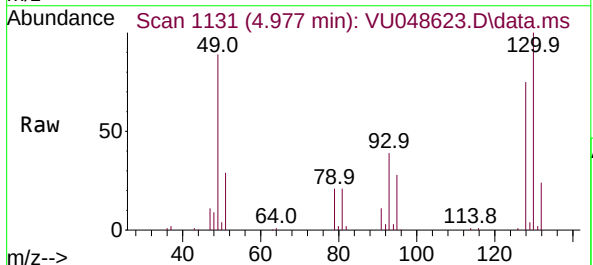
Ion Ratio Lower Upper

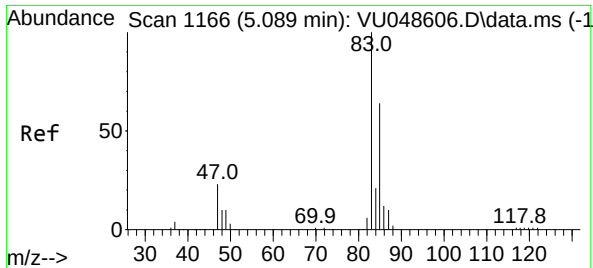
128 100

49 119.1 91.9 170.7

130 133.9 88.4 164.2

51 39.1 33.2 49.8





#25

Chloroform

Concen: 50.268 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

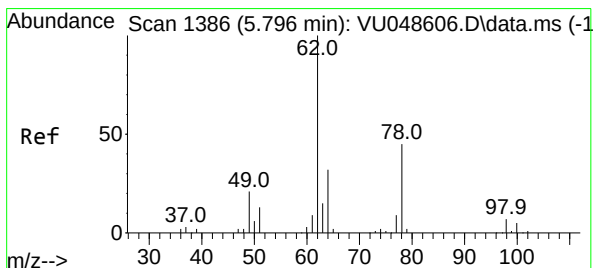
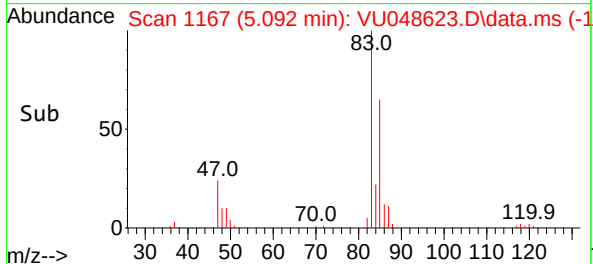
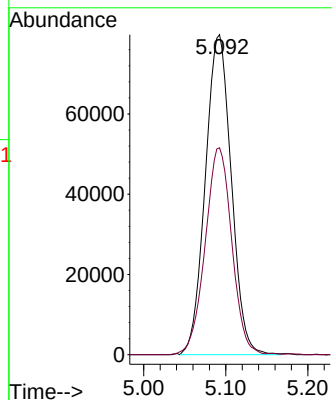
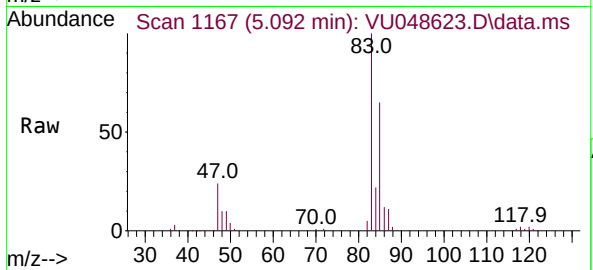
VSTD050134

Tgt Ion: 83 Resp: 175622

Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 49.425 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU048623.D

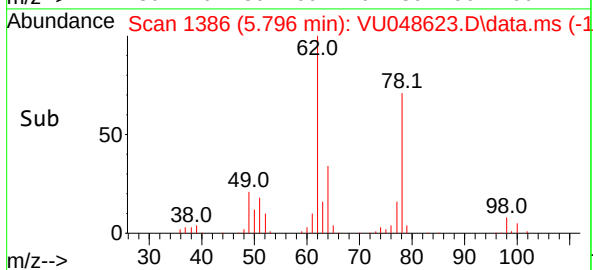
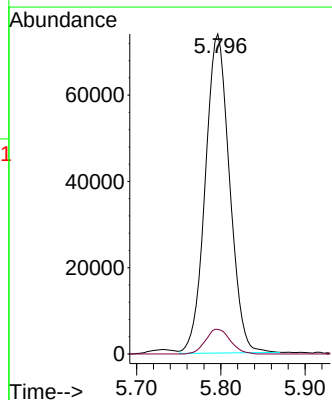
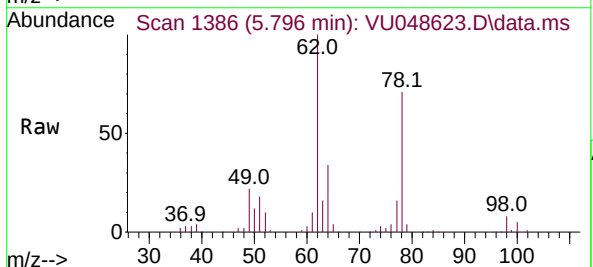
Acq: 19 May 2022 09:42

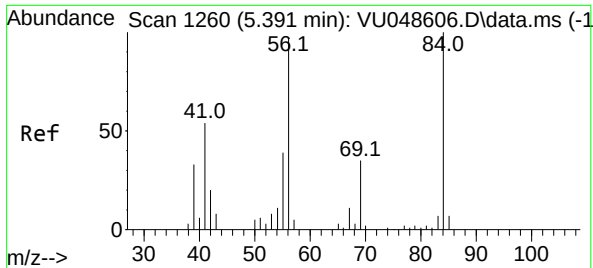
Tgt Ion: 62 Resp: 148130

Ion Ratio Lower Upper

62 100

98 7.7 6.0 9.0





#29

Cyclohexane

Concen: 45.485 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050134

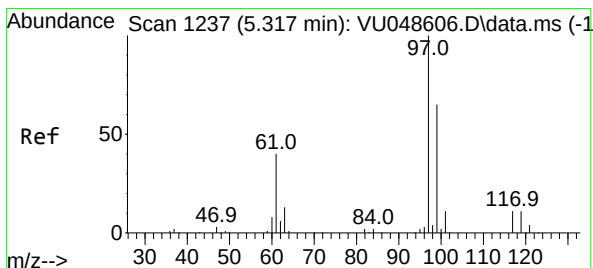
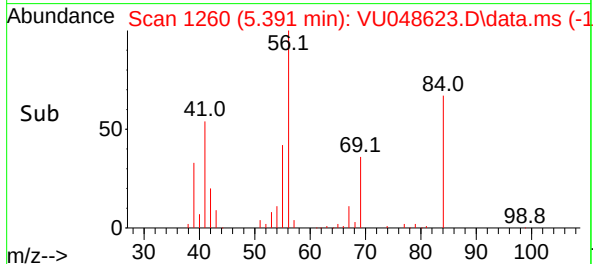
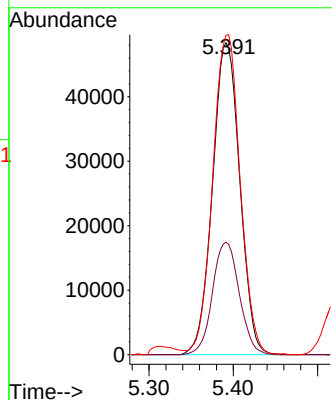
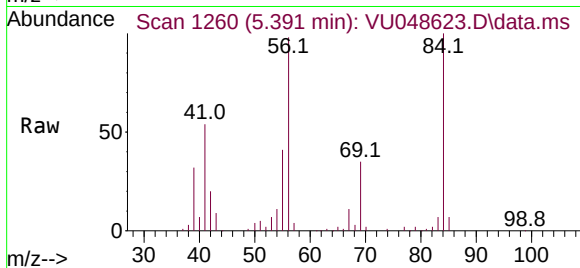
Tgt Ion: 56 Resp: 108820

Ion Ratio Lower Upper

56 100

69 35.4 26.5 39.7

84 103.1 78.0 117.0



#30

1,1,1-Trichloroethane

Concen: 48.941 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

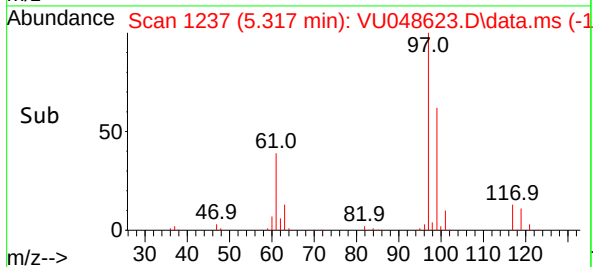
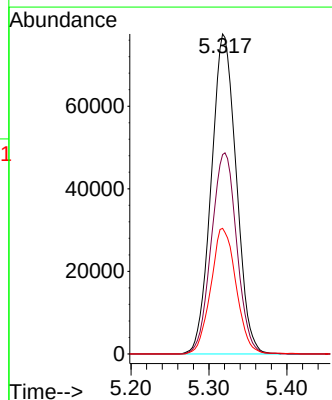
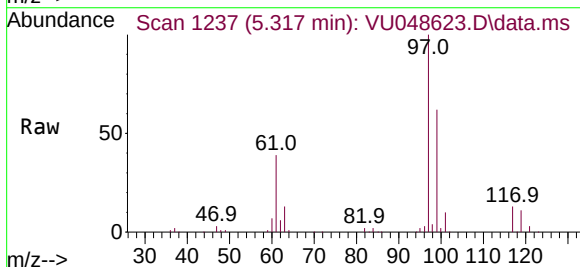
Tgt Ion: 97 Resp: 172608

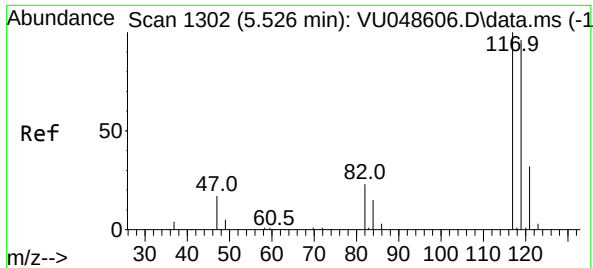
Ion Ratio Lower Upper

97 100

99 63.9 50.3 75.5

61 39.7 32.6 48.8

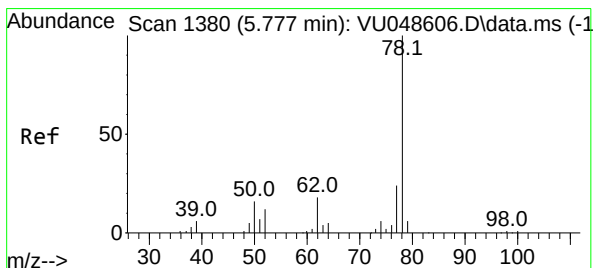
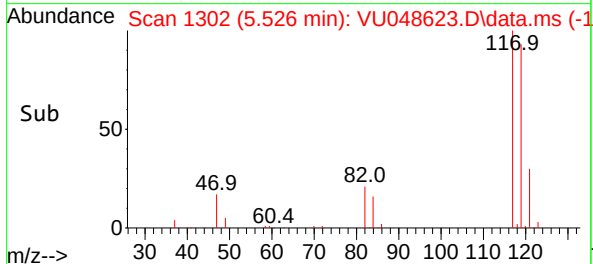
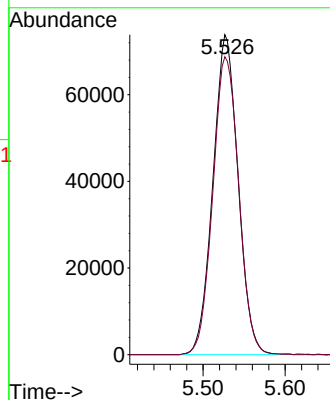
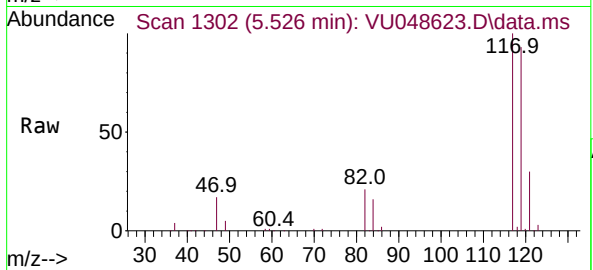




#31
Carbon tetrachloride
Concen: 48.936 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

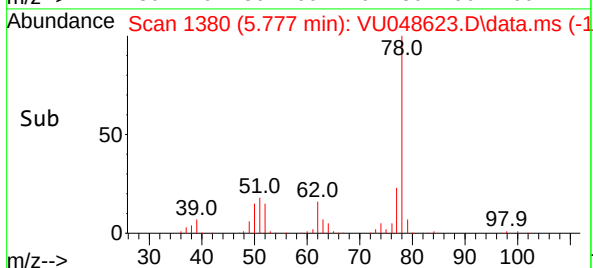
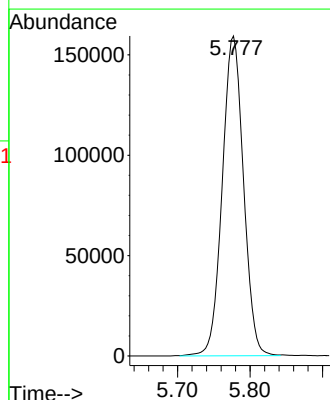
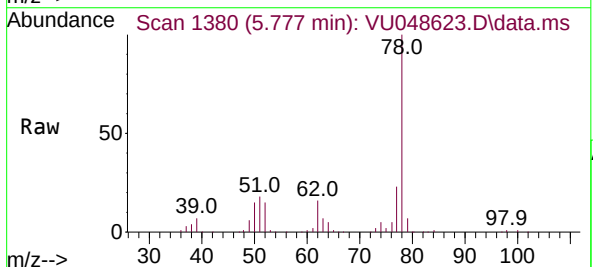
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

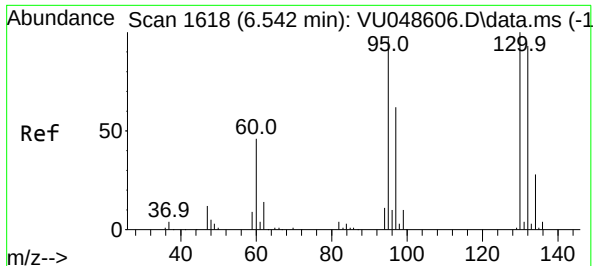
Tgt Ion:117 Resp: 157291
Ion Ratio Lower Upper
117 100
119 96.3 76.0 114.0



#33
Benzene
Concen: 47.576 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion: 78 Resp: 323757

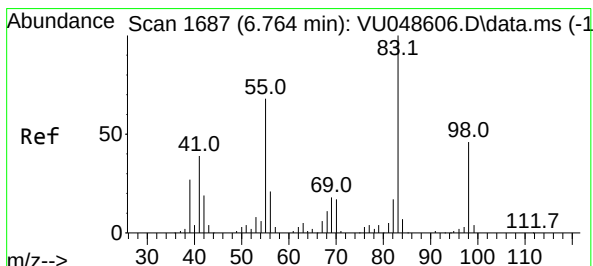
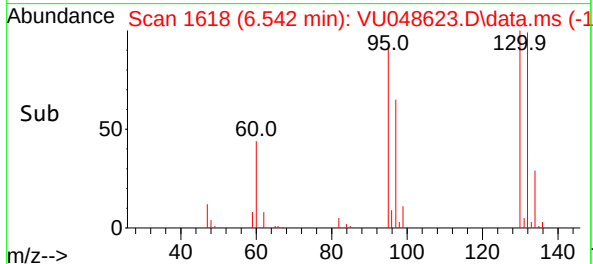
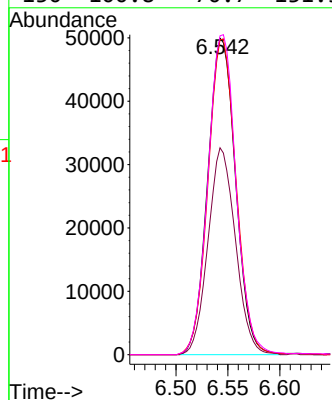
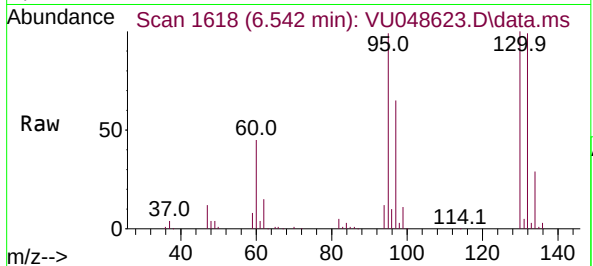




#34
Trichloroethene
Concen: 48.431 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

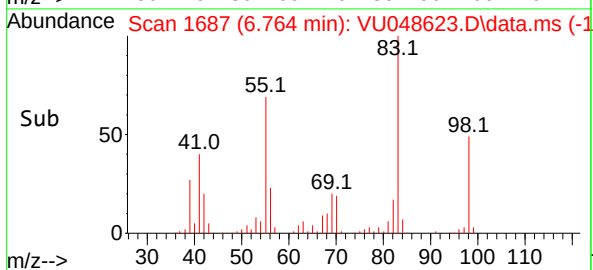
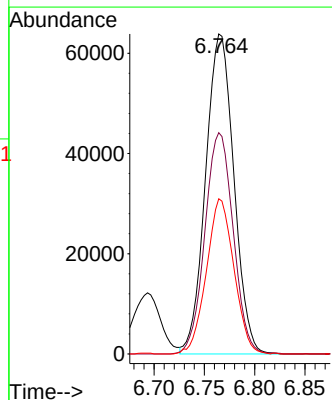
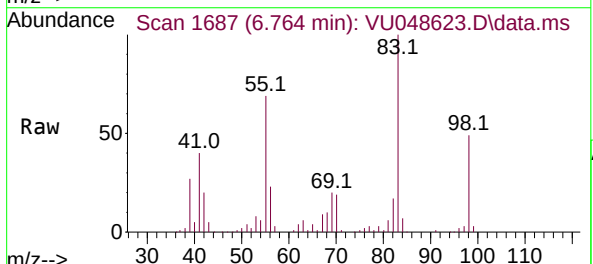
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

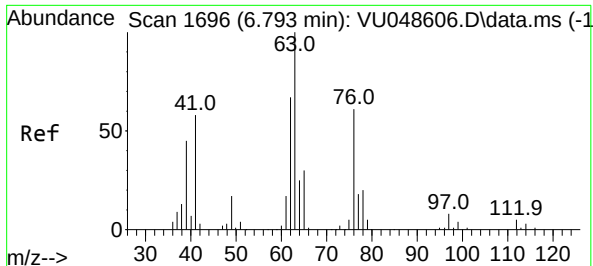
Tgt Ion: 95 Resp: 93246
Ion Ratio Lower Upper
95 100
97 65.4 45.2 84.0
132 99.5 67.3 124.9
130 100.8 70.7 131.3



#35
Methylcyclohexane
Concen: 45.290 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion: 83 Resp: 125130
Ion Ratio Lower Upper
83 100
55 69.2 56.2 84.4
98 47.1 38.2 57.2





#37

1,2-Dichloropropane

Concen: 47.106 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

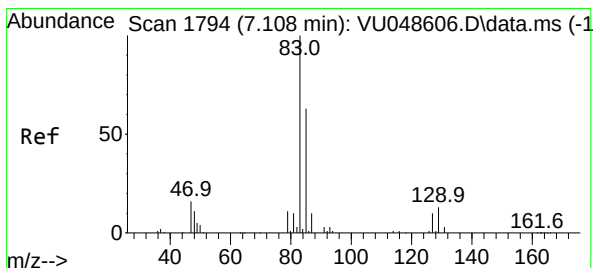
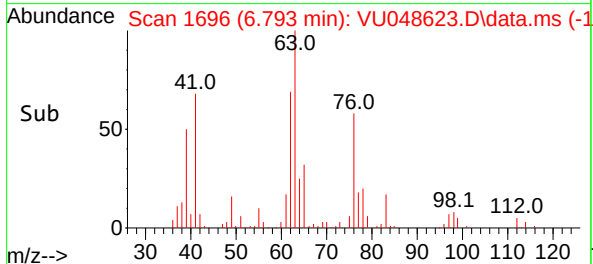
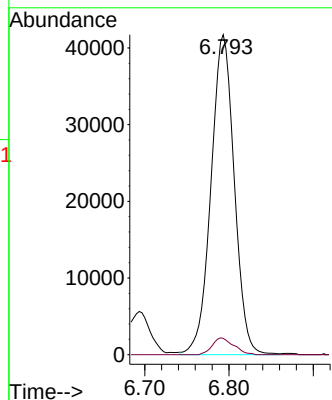
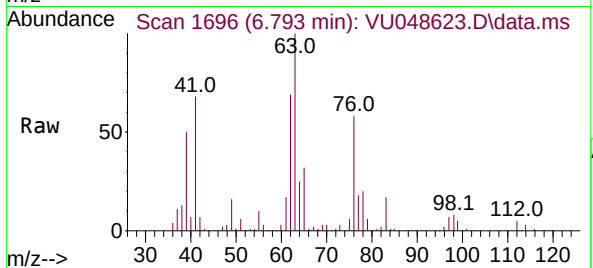
VSTD050134

Tgt Ion: 63 Resp: 80155

Ion Ratio Lower Upper

63 100

112 4.8 3.7 5.5



#38

Bromodichloromethane

Concen: 49.078 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

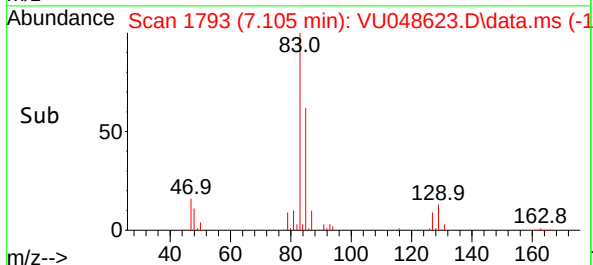
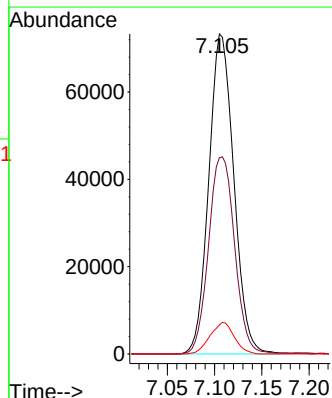
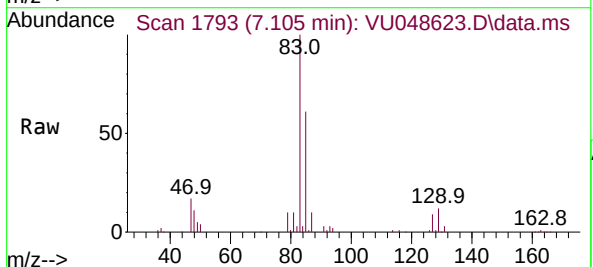
Tgt Ion: 83 Resp: 135115

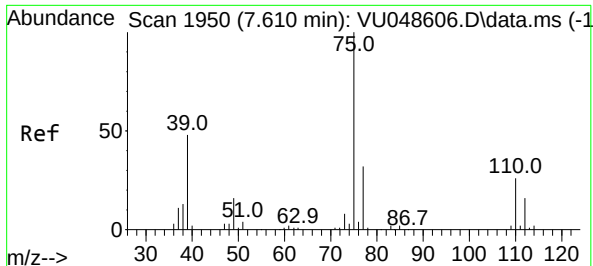
Ion Ratio Lower Upper

83 100

85 61.4 46.1 85.5

127 9.1 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 44.914 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

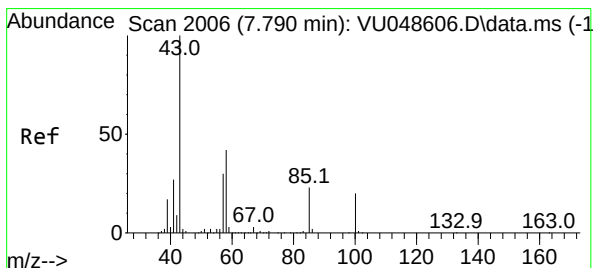
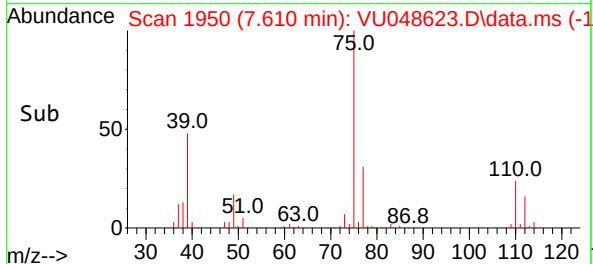
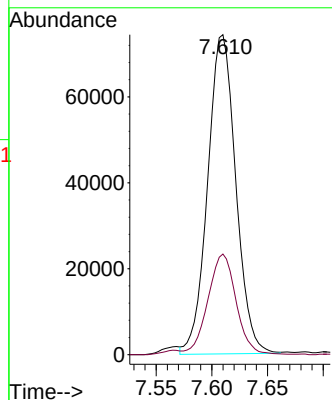
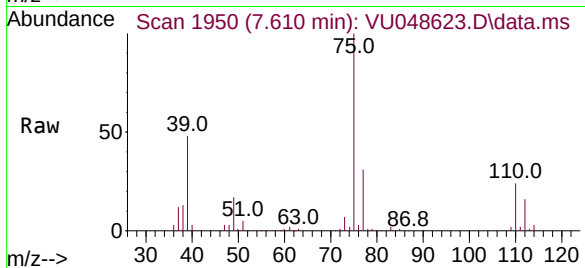
VSTD050134

Tgt Ion: 75 Resp: 130482

Ion Ratio Lower Upper

75 100

77 31.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 87.073 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

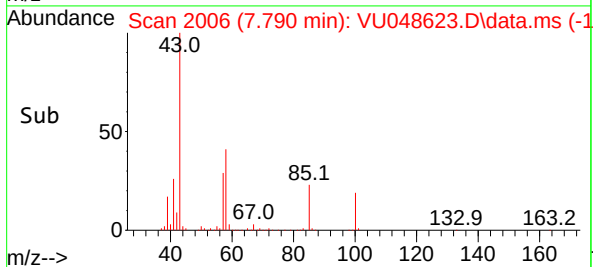
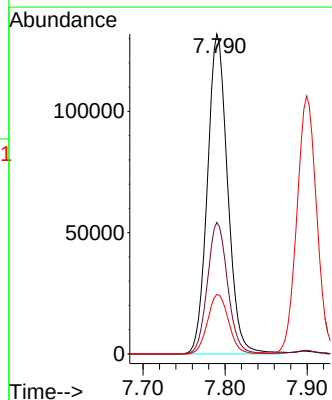
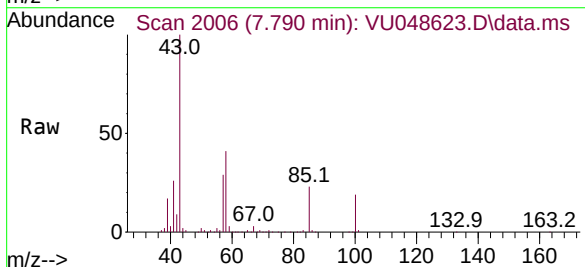
Tgt Ion: 43 Resp: 226102

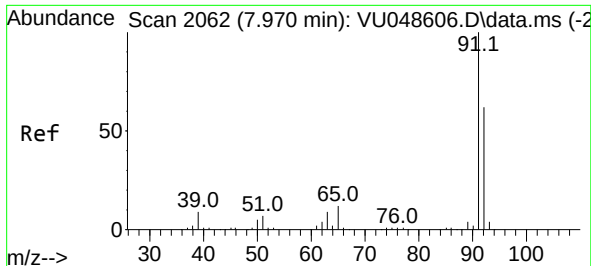
Ion Ratio Lower Upper

43 100

58 41.1 34.3 51.5

100 19.3 14.7 22.1





#42

Toluene

Concen: 49.763 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

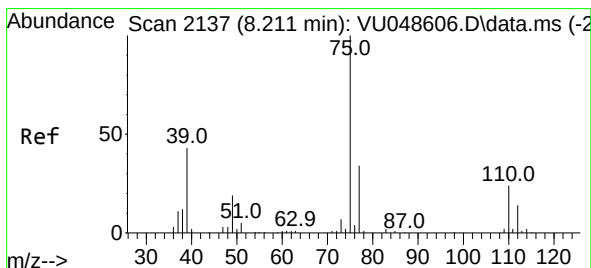
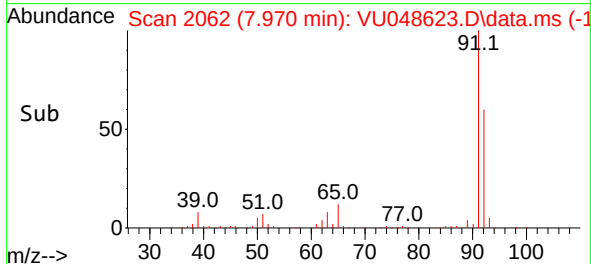
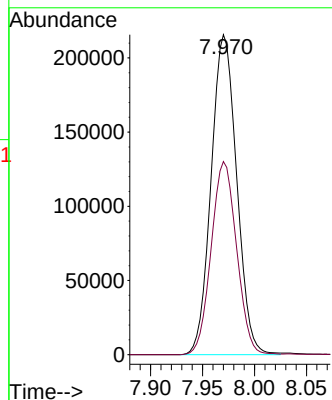
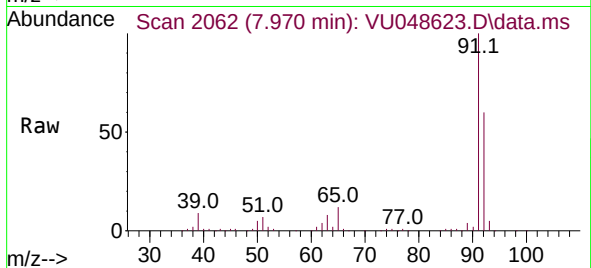
VSTD050134

Tgt Ion: 91 Resp: 369103

Ion Ratio Lower Upper

91 100

92 60.4 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 46.715 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048623.D

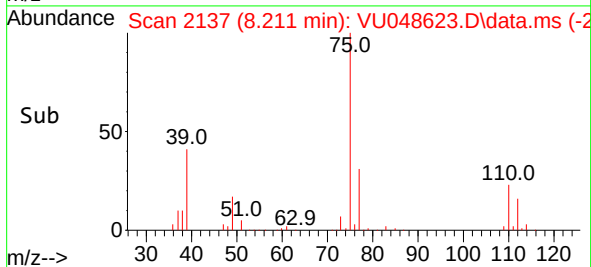
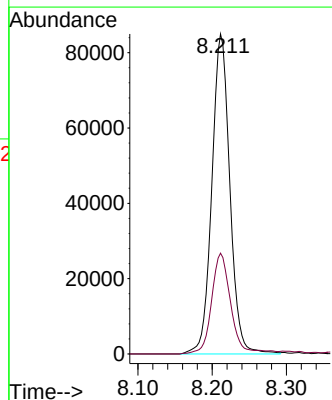
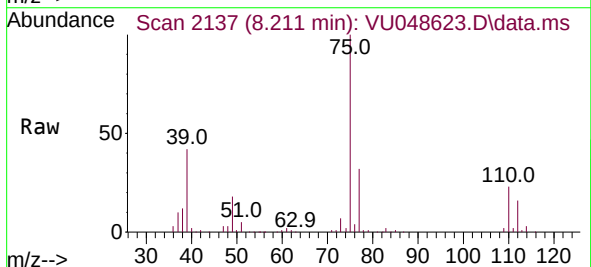
Acq: 19 May 2022 09:42

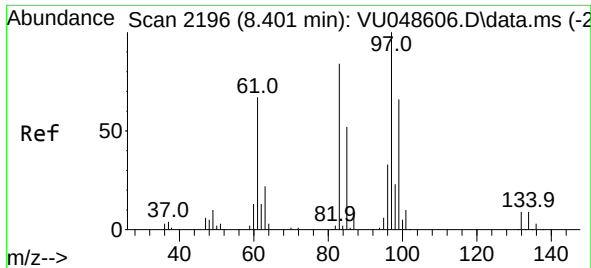
Tgt Ion: 75 Resp: 143126

Ion Ratio Lower Upper

75 100

77 31.5 22.7 42.1

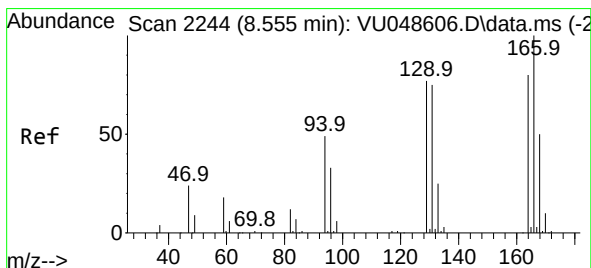
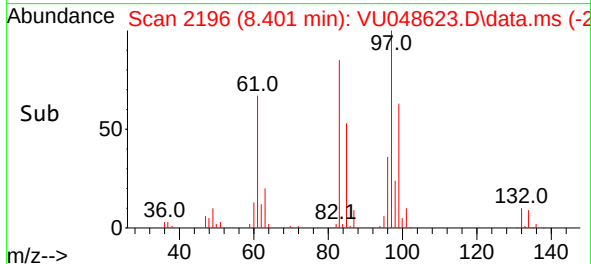
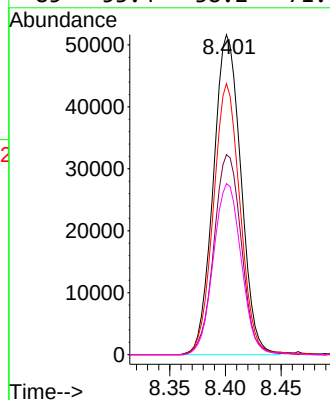
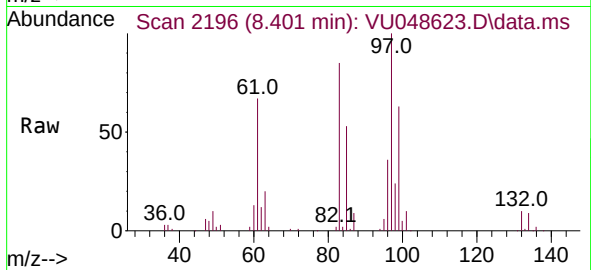




#45
1,1,2-Trichloroethane
Concen: 48.825 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

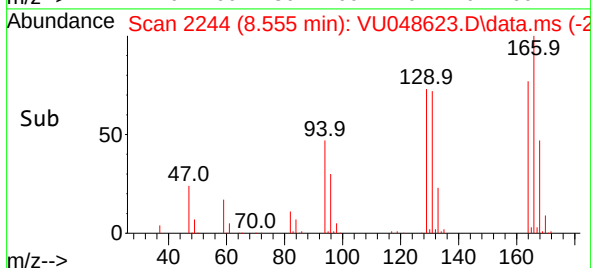
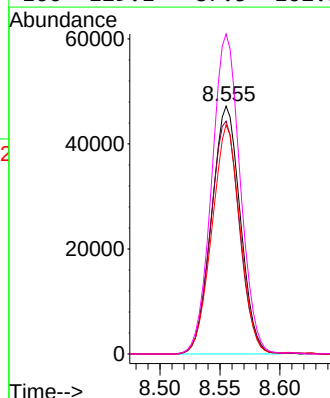
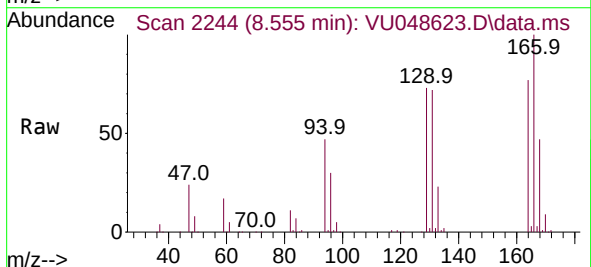
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

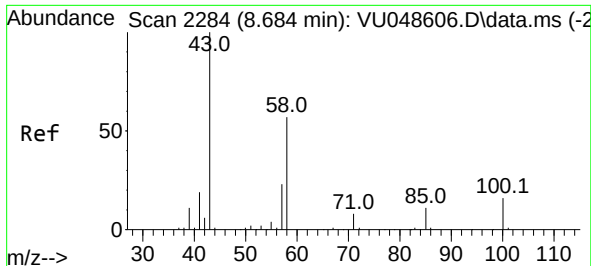
Tgt Ion:	97	Resp:	88970
Ion	Ratio	Lower	Upper
97	100		
99	62.5	42.2	78.4
83	84.7	58.4	108.6
85	53.4	38.2	71.0



#46
Tetrachloroethene
Concen: 50.090 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion:	164	Resp:	78696
Ion	Ratio	Lower	Upper
164	100		
129	93.9	64.3	119.3
131	92.4	64.5	119.7
166	129.1	87.5	162.5



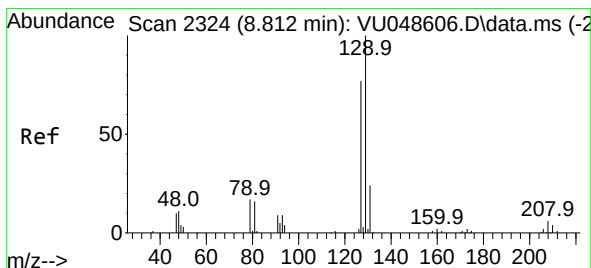
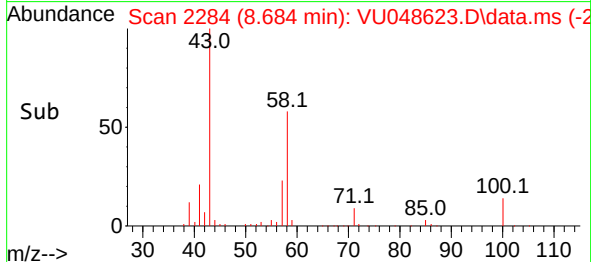
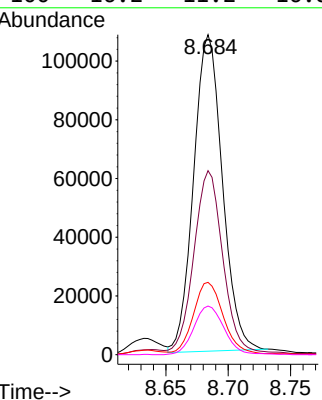
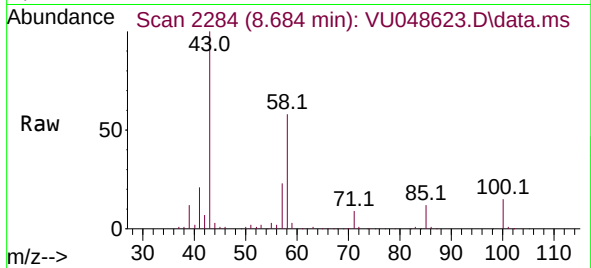


#48
2-Hexanone
Concen: 77.965 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

Tgt Ion: 43 Resp: 173462

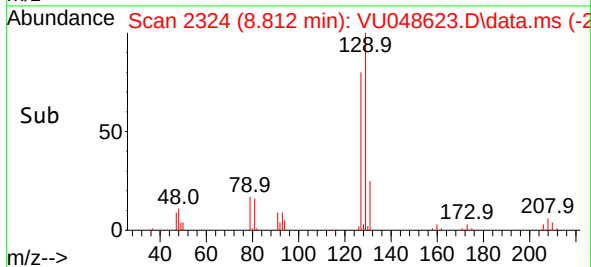
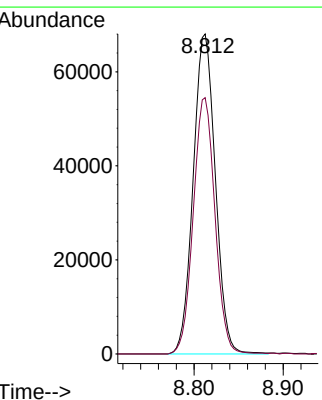
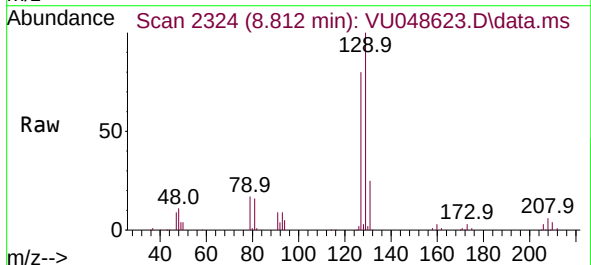
Ion	Ratio	Lower	Upper
43	100		
58	58.8	45.8	68.6
57	23.3	16.8	25.2
100	16.2	11.2	16.8

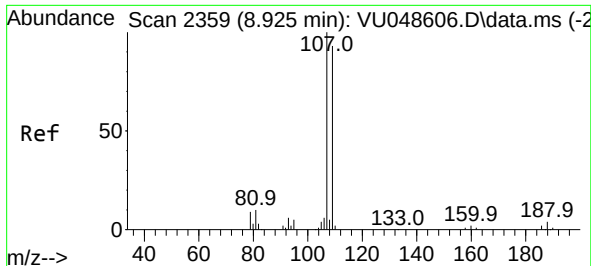


#49
Dibromochloromethane
Concen: 50.249 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion: 129 Resp: 117720

Ion	Ratio	Lower	Upper
129	100		
127	80.1	53.1	98.5

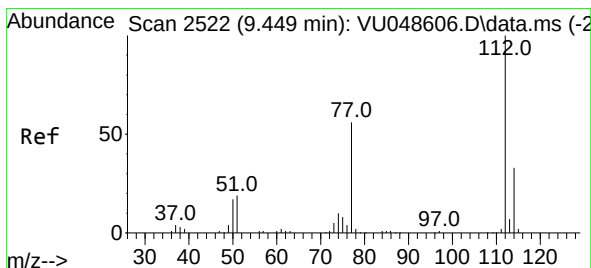
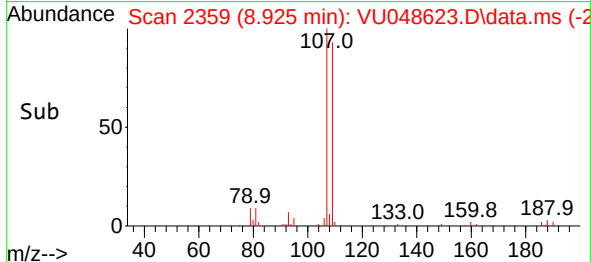
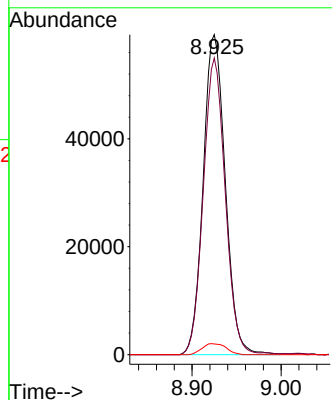
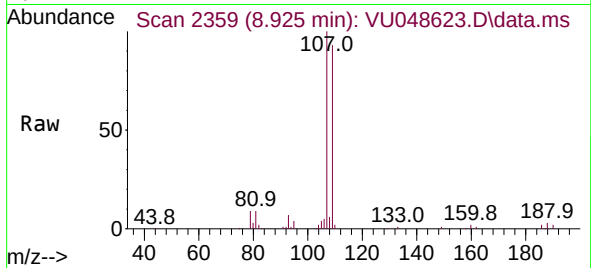




#50
1,2-Dibromoethane
Concen: 48.640 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

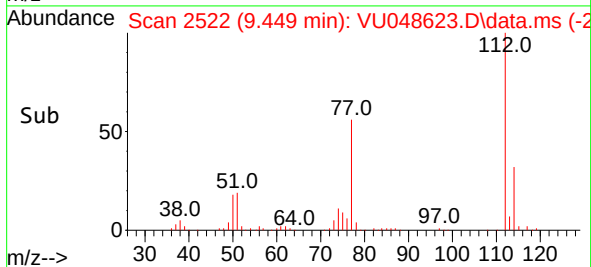
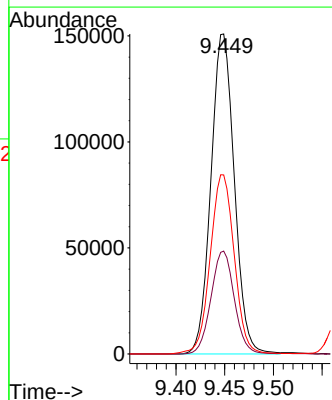
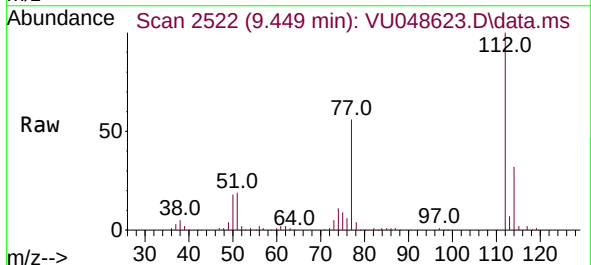
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

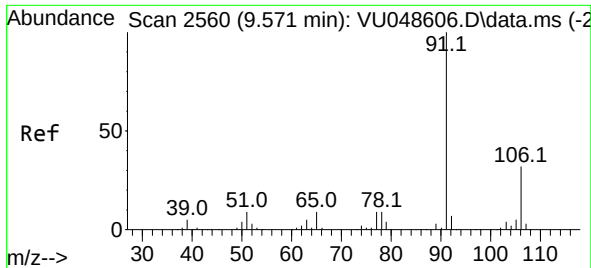
Tgt Ion:107 Resp: 102290
Ion Ratio Lower Upper
107 100
109 92.7 67.5 125.3
188 3.3 3.4 5.2#



#51
Chlorobenzene
Concen: 48.699 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion:112 Resp: 251927
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 56.0 46.5 69.7

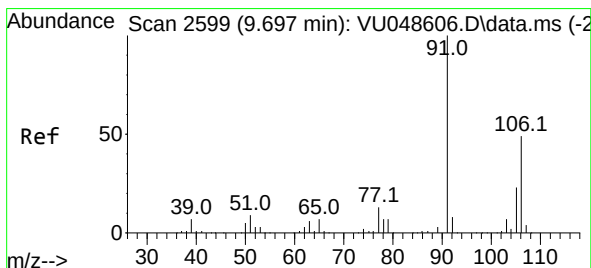
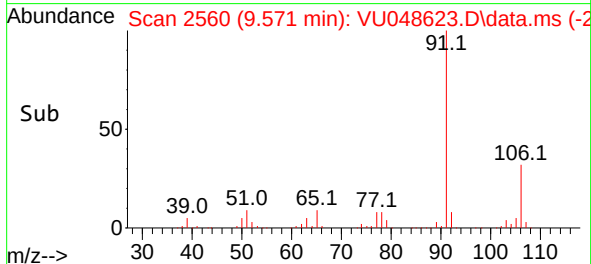
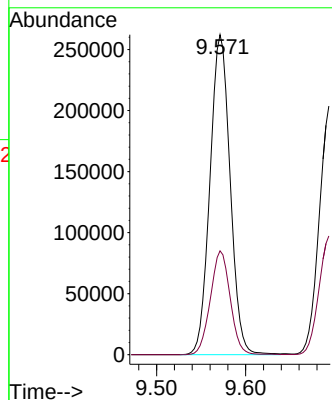
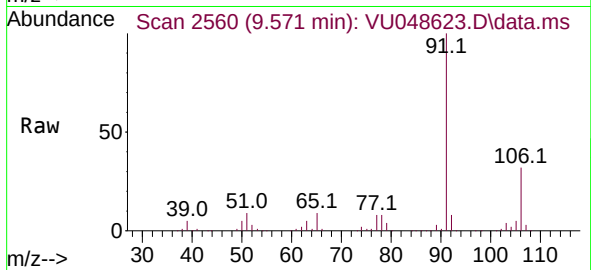




#52
Ethylbenzene
Concen: 48.537 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

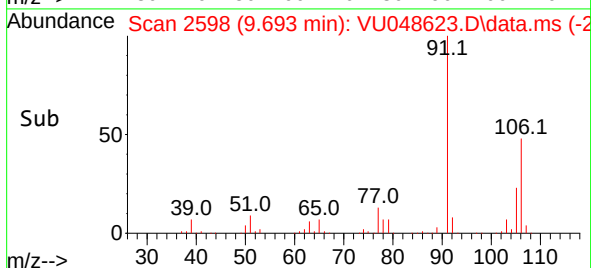
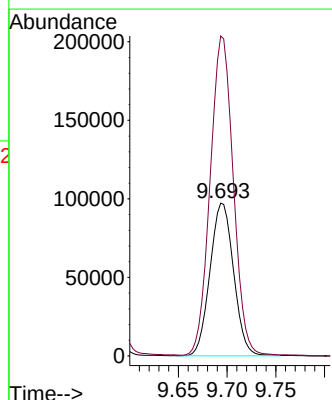
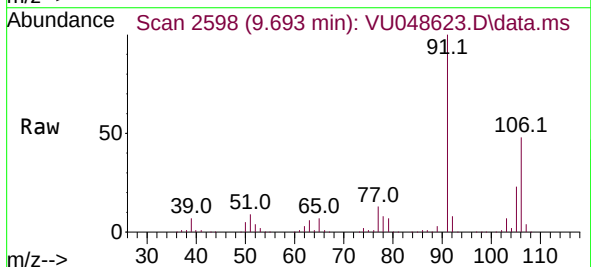
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

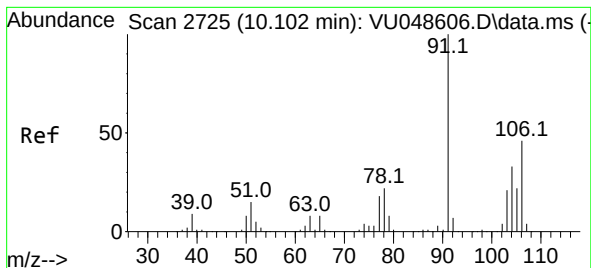
Tgt Ion: 91 Resp: 411419
Ion Ratio Lower Upper
91 100
106 32.4 21.8 40.6



#53
m,p-Xylene
Concen: 48.011 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion: 106 Resp: 163546
Ion Ratio Lower Upper
106 100
91 209.5 141.8 263.4





#54

o-Xylene

Concen: 49.293 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

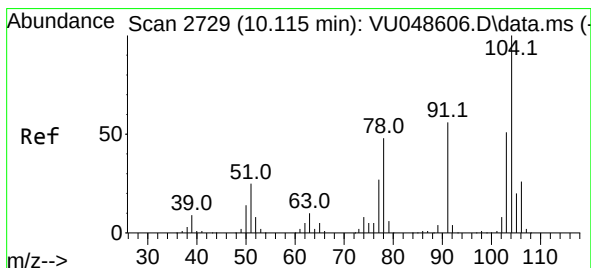
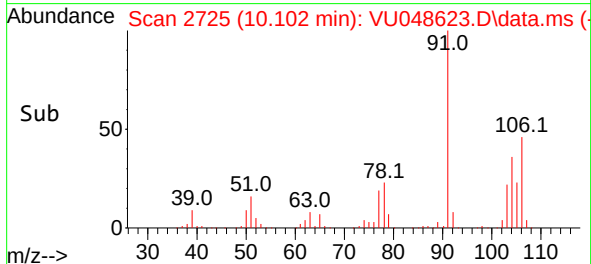
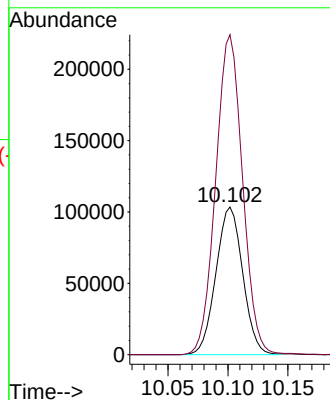
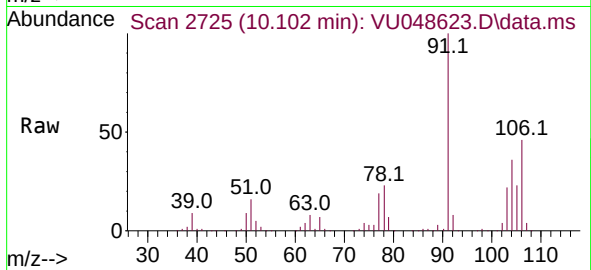
VSTD050134

Tgt Ion:106 Resp: 160862

Ion Ratio Lower Upper

106 100

91 216.6 150.1 278.9



#55

Styrene

Concen: 50.203 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048623.D

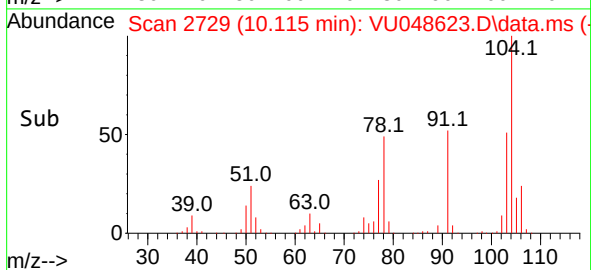
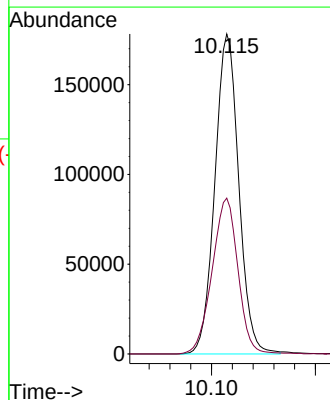
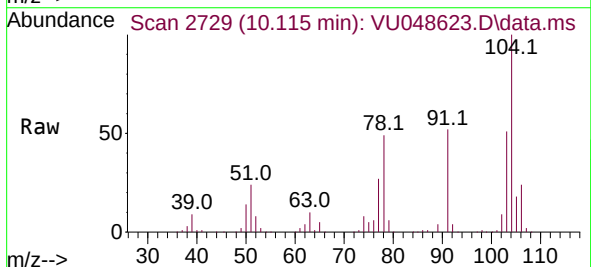
Acq: 19 May 2022 09:42

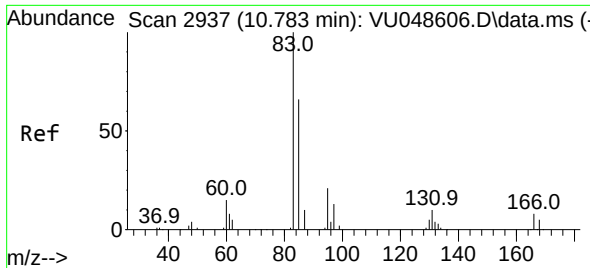
Tgt Ion:104 Resp: 284851

Ion Ratio Lower Upper

104 100

78 48.7 32.7 60.7



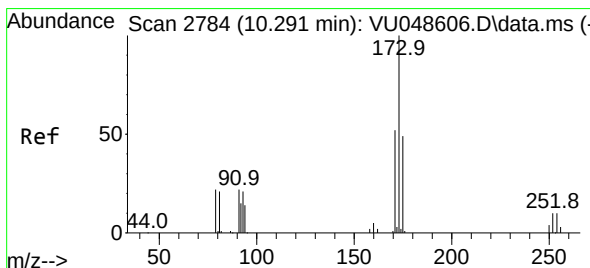
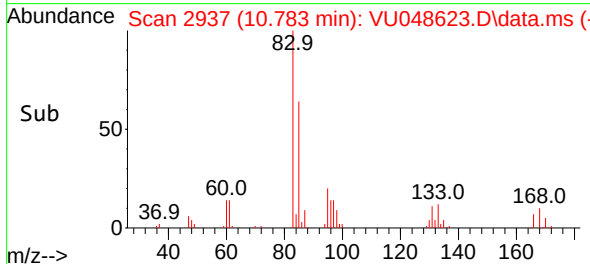
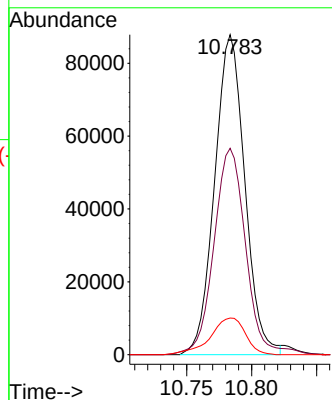
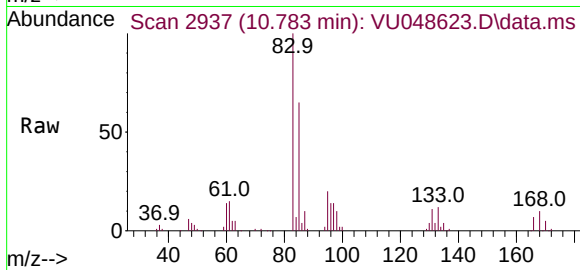


#57
 1,1,2,2-Tetrachloroethane
 Concen: 45.046 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU048623.D
 Acq: 19 May 2022 09:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050134

Tgt Ion: 83 Resp: 141863

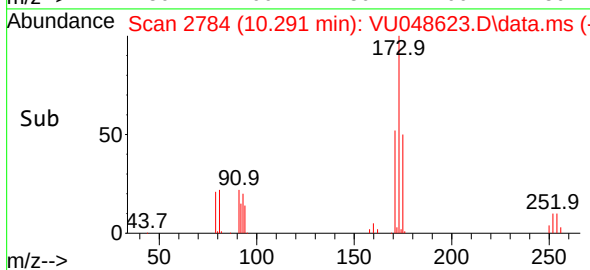
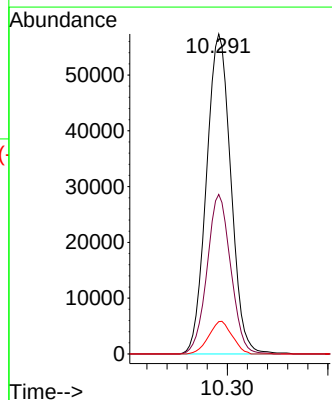
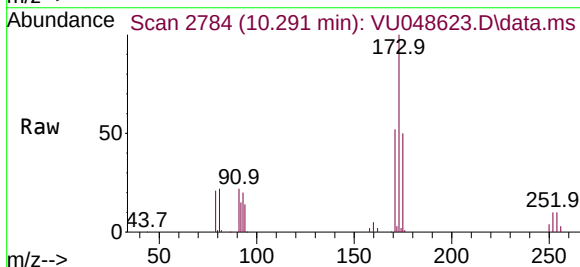
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.1	81.9
131	11.5	8.9	13.3

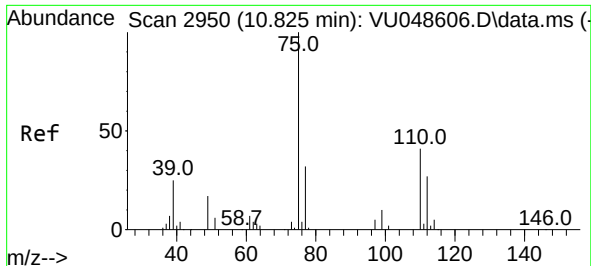


#59
 Bromoform
 Concen: 49.404 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.000 min
 Lab File: VU048623.D
 Acq: 19 May 2022 09:42

Tgt Ion: 173 Resp: 96402

Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.2	57.4
254	9.8	7.7	11.5

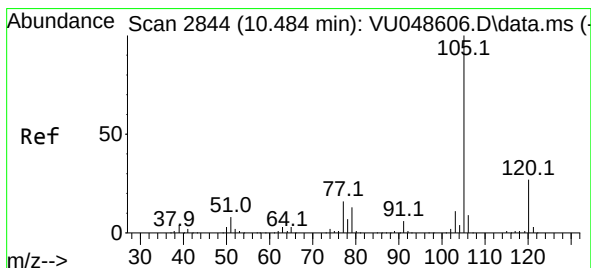
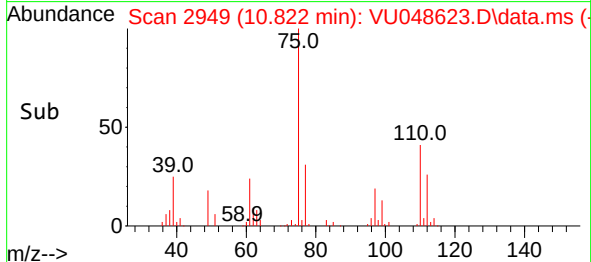
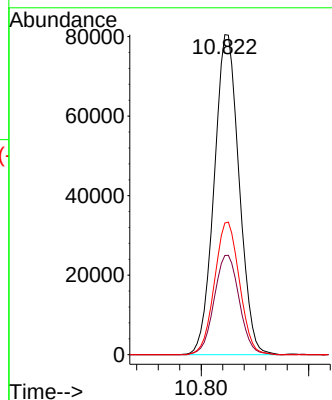
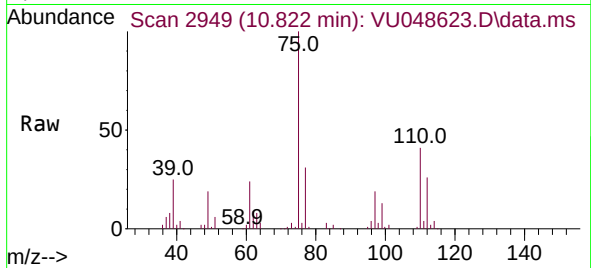




#60
1,2,3-Trichloropropane
Concen: 46.036 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

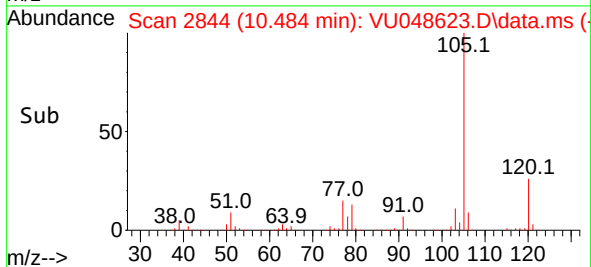
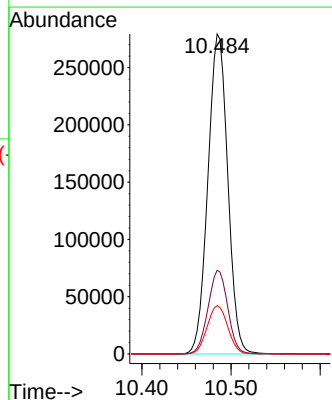
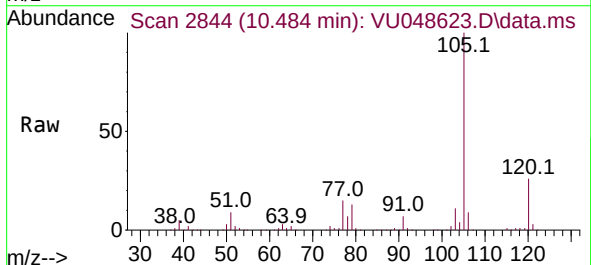
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

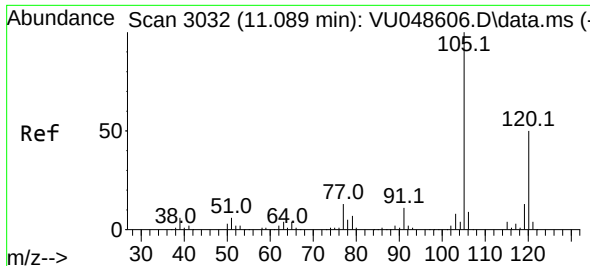
Tgt Ion: 75 Resp: 129605
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
110 41.5 32.1 48.1



#61
Isopropylbenzene
Concen: 49.406 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion: 105 Resp: 431923
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.7 12.5 18.7

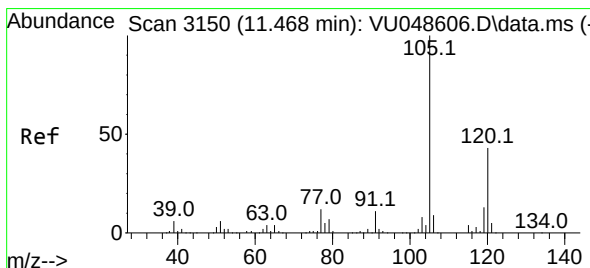
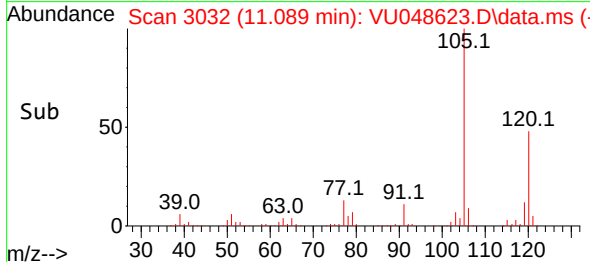
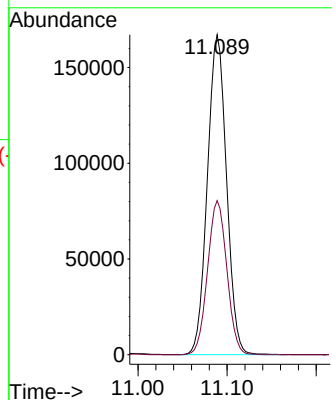
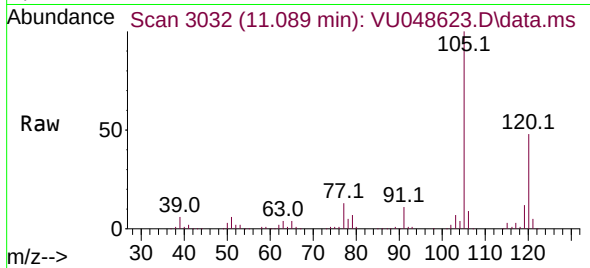




#62
 1,3,5-Trimethylbenzene
 Concen: 50.195 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048623.D
 Acq: 19 May 2022 09:42

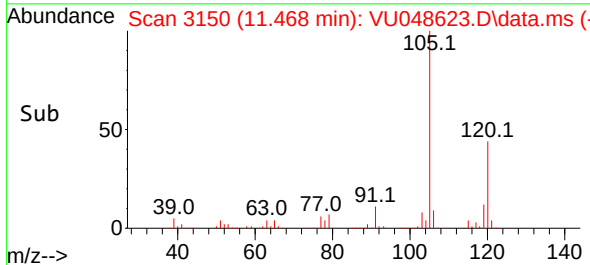
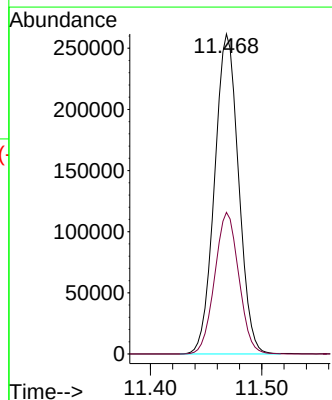
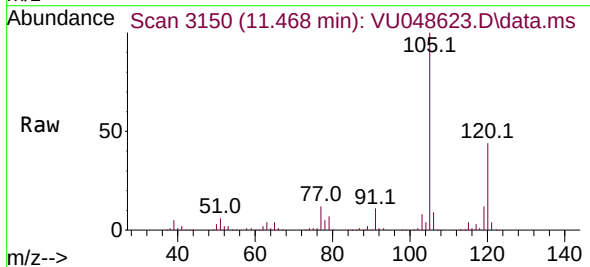
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050134

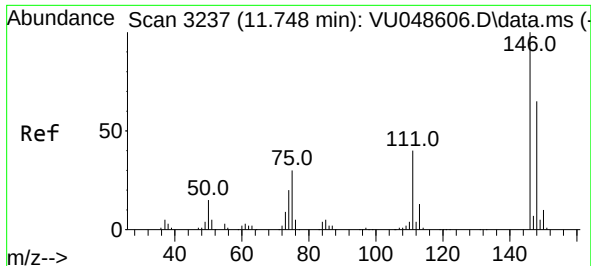
Tgt Ion:105 Resp: 249473
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 50.681 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048623.D
 Acq: 19 May 2022 09:42

Tgt Ion:105 Resp: 391692
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.4 53.2

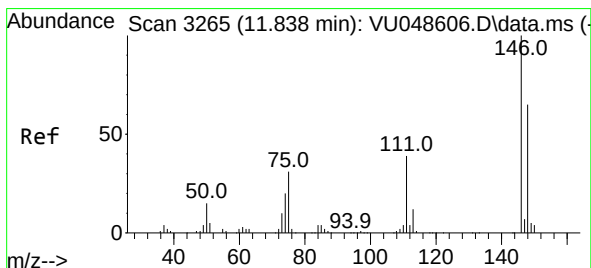
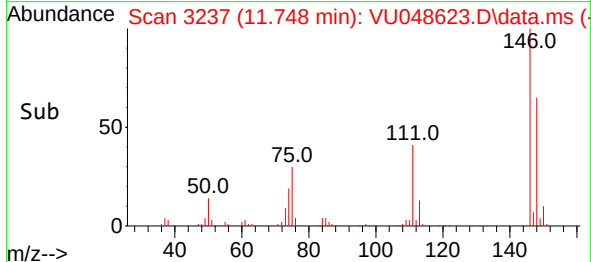
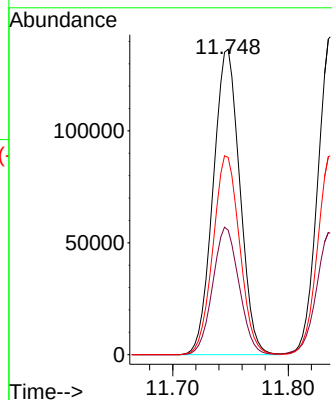
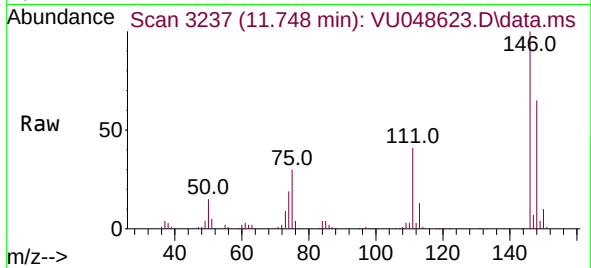




#64
1,3-Dichlorobenzene
Concen: 48.616 ug/L
RT: 11.748 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

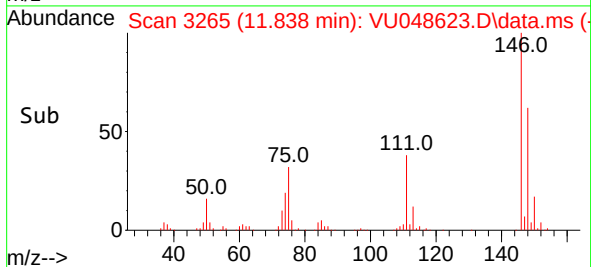
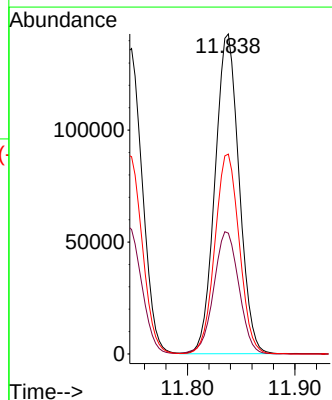
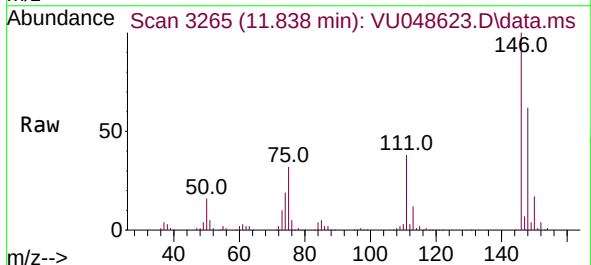
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

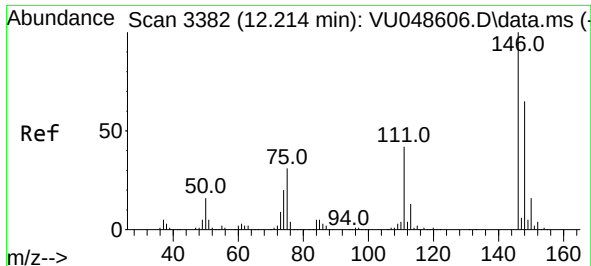
Tgt Ion:146 Resp: 219178
Ion Ratio Lower Upper
146 100
111 40.7 28.7 53.3
148 64.6 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 47.592 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion:146 Resp: 222654
Ion Ratio Lower Upper
146 100
111 37.8 27.6 51.2
148 62.4 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 48.718 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

Instrument :

MSVOA_U

ClientSampleId :

VSTD050134

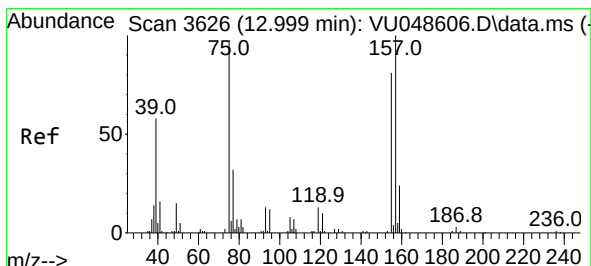
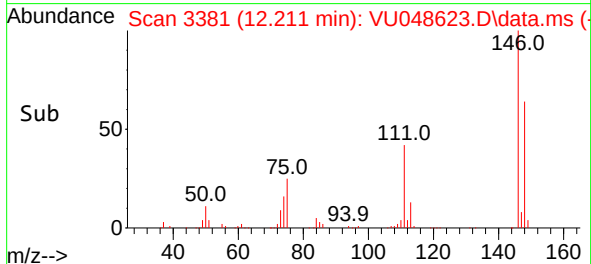
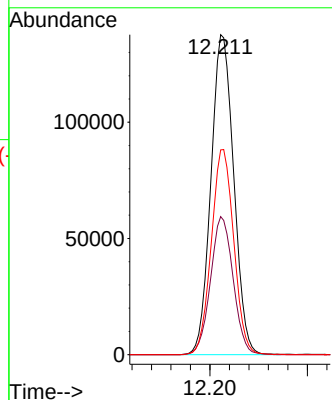
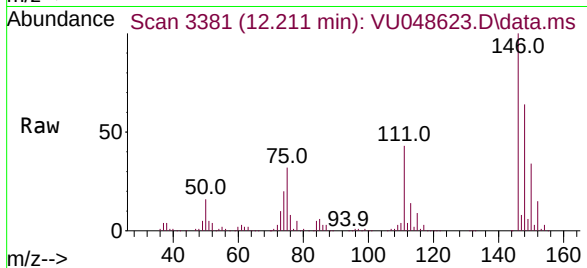
Tgt Ion:146 Resp: 223401

Ion Ratio Lower Upper

146 100

111 43.1 34.1 51.1

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 44.307 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU048623.D

Acq: 19 May 2022 09:42

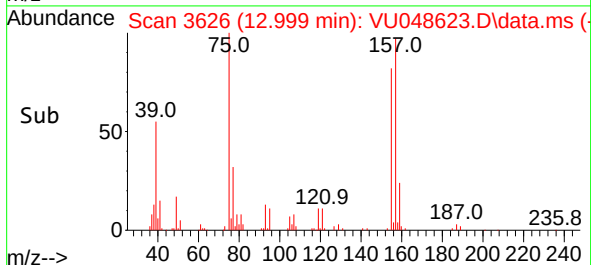
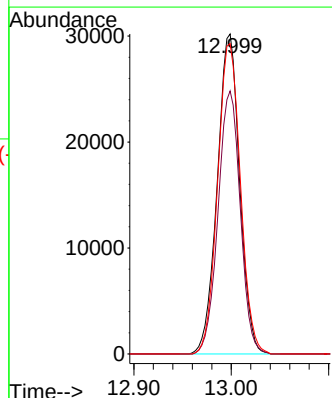
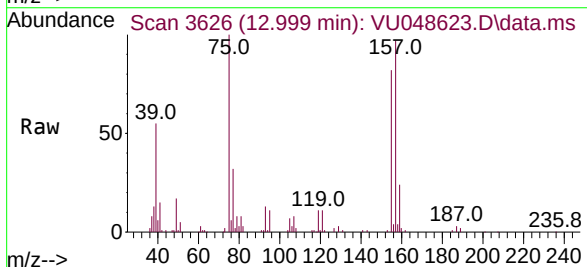
Tgt Ion: 75 Resp: 48228

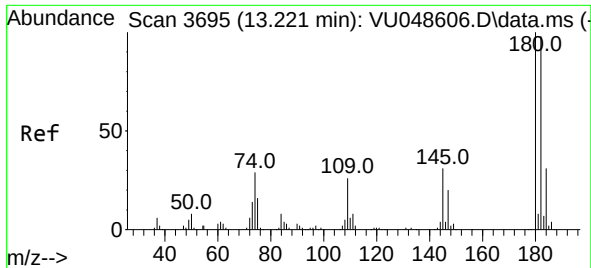
Ion Ratio Lower Upper

75 100

155 82.2 63.5 95.3

157 97.0 83.5 125.3

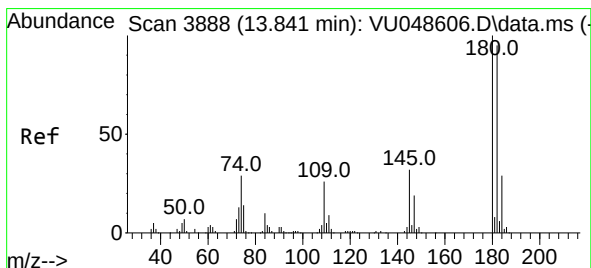
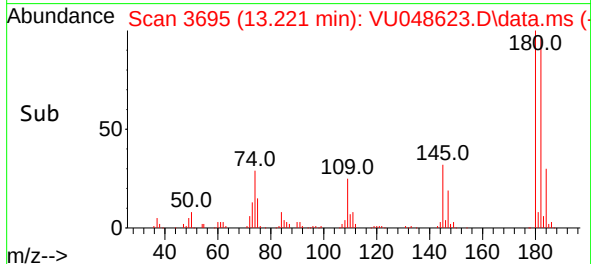
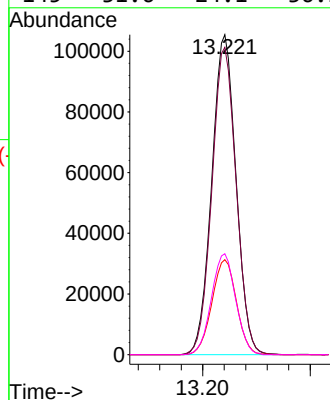
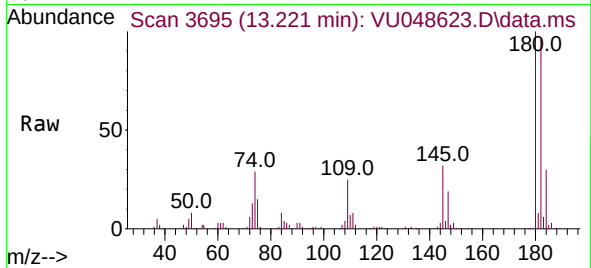




#69
1,3,5-Trichlorobenzene
Concen: 45.916 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

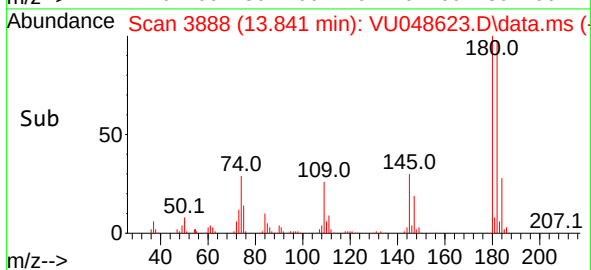
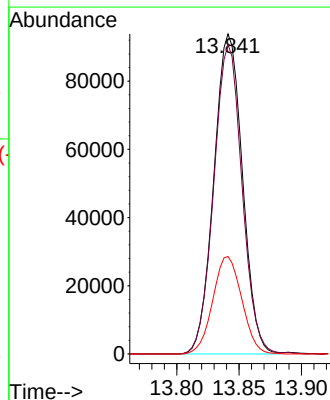
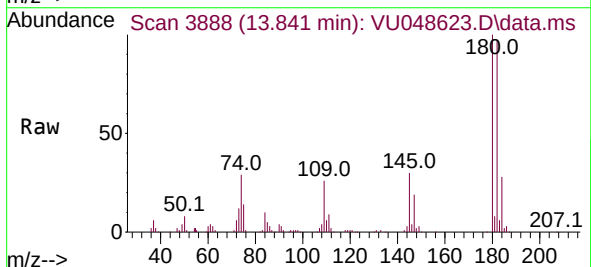
Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

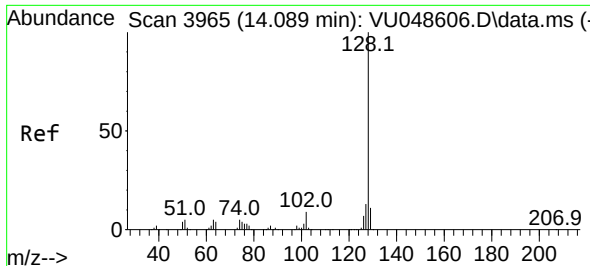
Tgt Ion:180	Resp:	164994
Ion Ratio	Lower	Upper
180	100	
182	96.3	75.8 113.6
184	30.1	23.4 35.2
145	31.6	24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 46.083 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion:180	Resp:	149772
Ion Ratio	Lower	Upper
180	100	
182	95.5	75.8 113.8
145	30.9	24.9 37.3

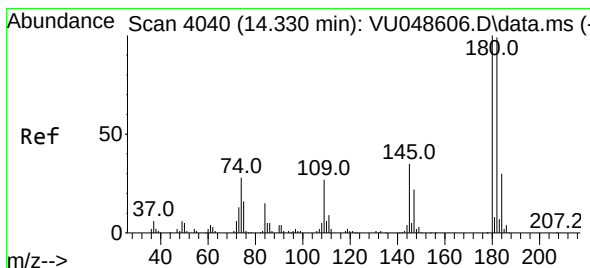
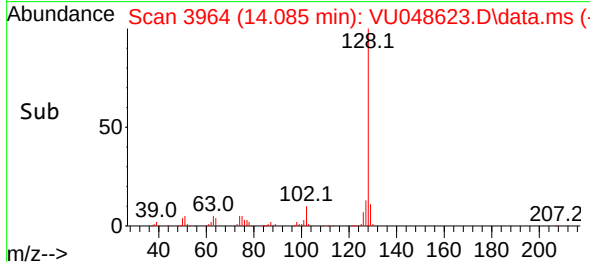
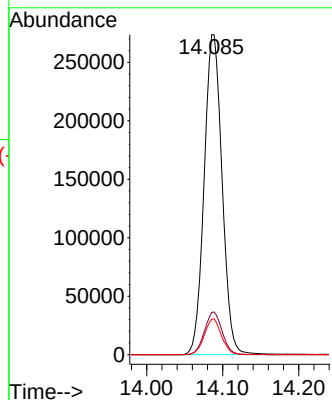
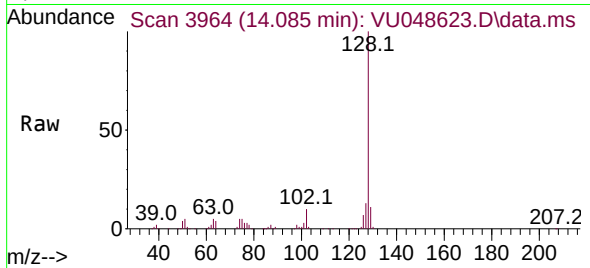




#71
Naphthalene
Concen: 41.899 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Instrument :
MSVOA_U
ClientSampleId :
VSTD050134

Tgt Ion:128 Resp: 449010
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 46.156 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048623.D
Acq: 19 May 2022 09:42

Tgt Ion:180 Resp: 150610
Ion Ratio Lower Upper
180 100
182 96.8 75.6 113.4
145 33.2 27.1 40.7

