

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046859.D
 Acq On : 27 Jan 2022 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Quant Time: Jan 28 00:51:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 00:12:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	110896	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	122120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	67260	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	39017	4.152	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.922	69	34211	4.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.575	65	16245	4.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.668	46	138224	49.652	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	5.070	84	78836	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.710	65	44134	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.736	84	152709	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.697	67	47332	4.392	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.903	98	137382	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.186	79	20322	4.294	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.642	63	135234	48.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.520%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	52301	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	50962	4.040	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	54276	5.203	ug/L	99
3) Chloromethane	1.530	50	46857	5.455	ug/L	99
5) Vinyl chloride	1.610	62	47309	5.290	ug/L	99
6) Bromomethane	1.867	94	29326	5.241	ug/L	97
8) Chloroethane	1.941	64	27724	5.385	ug/L	99
9) Trichlorofluoromethane	2.147	101	59048	5.418	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	33603	5.186	ug/L	98
12) 1,1-Dichloroethene	2.591	96	31562	5.097	ug/L	86
13) Acetone	2.694	43	46755	30.880	ug/L	64
14) Carbon disulfide	2.803	76	100217	4.928	ug/L	99
15) Methyl Acetate	2.974	43	13280	4.015	ug/L #	89
16) Methylene chloride	3.057	84	36362	4.863	ug/L	92
17) Methyl tert-butyl Ether	3.372	73	78638	4.526	ug/L	99
18) trans-1,2-Dichloroethene	3.366	96	33051	4.928	ug/L	93
19) 1,1-Dichloroethane	3.880	63	58213	5.170	ug/L	99
21) 2-Butanone	4.745	43	115538	47.448	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	33486	4.733	ug/L	97
23) Bromochloromethane	4.986	128	17189	4.938	ug/L	94
25) Chloroform	5.096	83	64231	3.594	ug/L	94

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 Data File : VU046859.D
 Acq On : 27 Jan 2022 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Quant Time: Jan 28 00:51:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 27 00:12:19 2022
 Response via : Initial Calibration

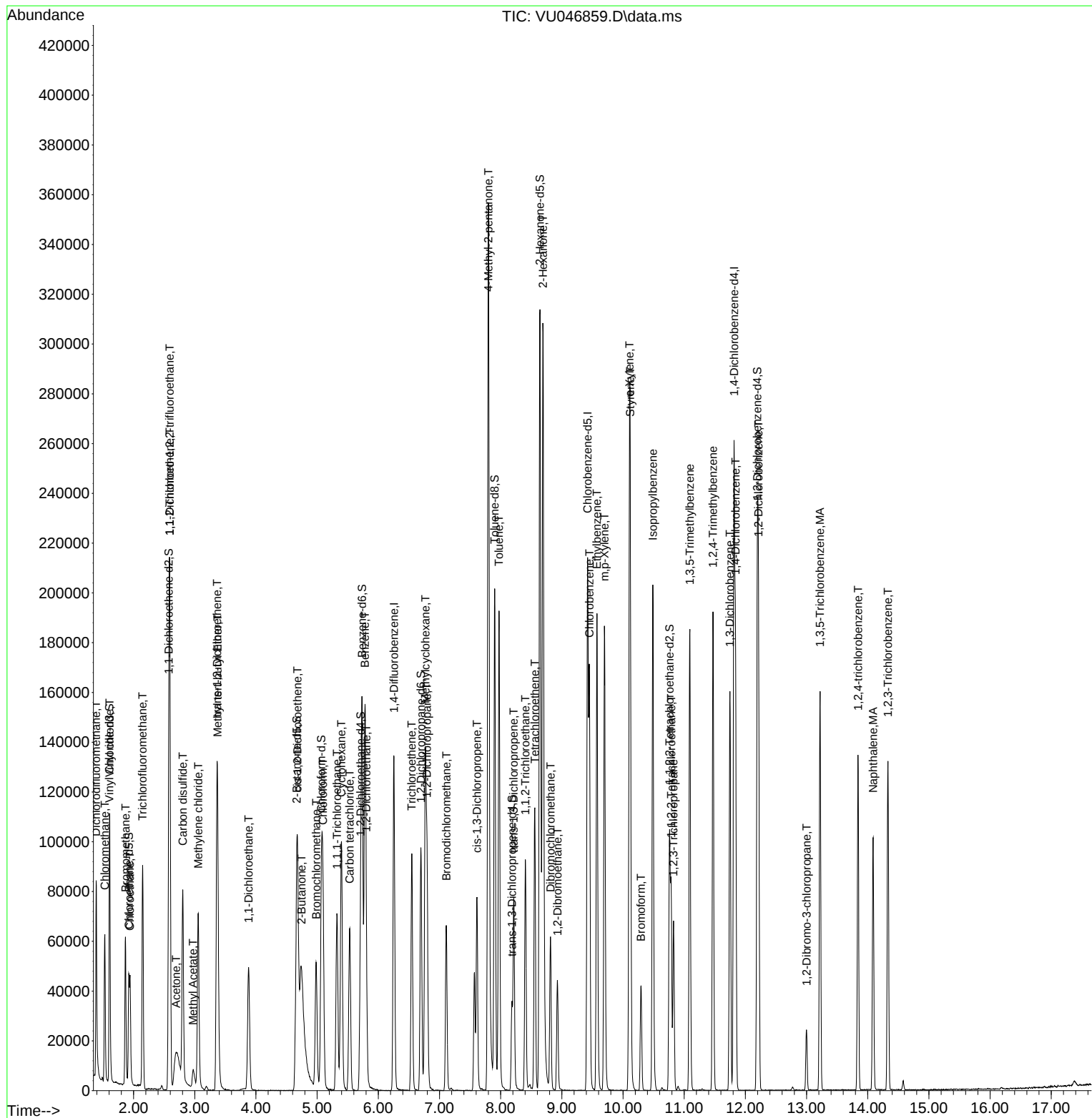
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	43001	5.451	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	53960	4.906	ug/L	97
30) Cyclohexane	5.398	56	47888	4.292	ug/L	96
31) Carbon tetrachloride	5.533	117	45875	4.861	ug/L	98
33) Benzene	5.781	78	136229	4.738	ug/L	100
34) Trichloroethene	6.546	95	32377	4.337	ug/L	95
35) Methylcyclohexane	6.771	83	51467	4.116	ug/L	98
37) 1,2-Dichloropropane	6.797	63	34664	4.915	ug/L	99
38) Bromodichloromethane	7.112	83	44635	4.397	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	48032	4.365	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	254949	49.305	ug/L	97
42) Toluene	7.973	91	145480	4.233	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	45515	4.642	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	29515	4.919	ug/L	95
47) Tetrachloroethene	8.559	164	25411	4.185	ug/L	95
48) 2-Hexanone	8.694	43	203533	52.148	ug/L	97
49) Dibromochloromethane	8.816	129	33005	4.663	ug/L	99
50) 1,2-Dibromoethane	8.928	107	29208	4.802	ug/L	96
51) Chlorobenzene	9.452	112	88612	4.440	ug/L	99
52) Ethylbenzene	9.575	91	139701	4.276	ug/L	99
53) m,p-Xylene	9.697	106	56190	4.314	ug/L	97
54) o-Xylene	10.105	106	52724	4.176	ug/L	96
55) Styrene	10.118	104	91094	4.411	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	39802	4.932	ug/L	97
59) Bromoform	10.295	173	19698	4.756	ug/L	99
60) Isopropylbenzene	10.488	105	138536	4.422	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29369	5.153	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	106823	4.154	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	108644	4.105	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	66742	4.262	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	67723	4.297	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	67500	4.456	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	6695	5.660	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	48694	3.944	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	39187	3.796	ug/L	100
71) Naphthalene	14.089	128	81621	3.884	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	41443	4.250	ug/L	97

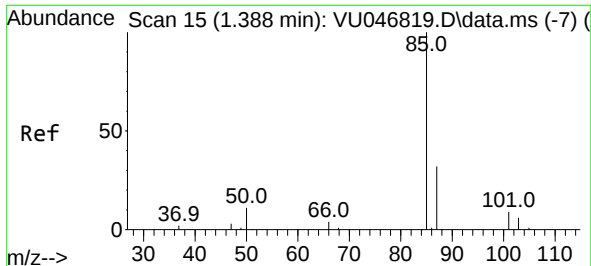
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 Data File : VU046859.D
 Acq On : 27 Jan 2022 09:31
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Quant Time: Jan 28 00:51:02 2022
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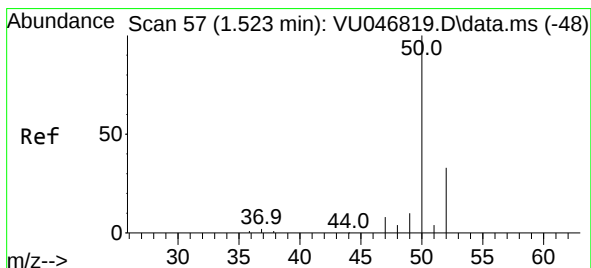
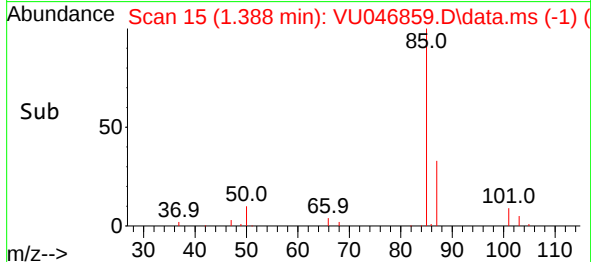
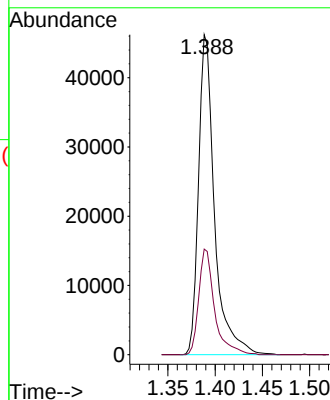
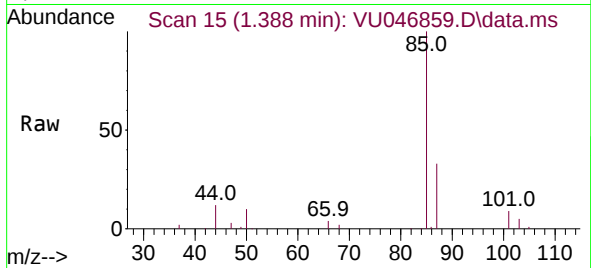




#2
Dichlorodifluoromethane
Concen: 5.203 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

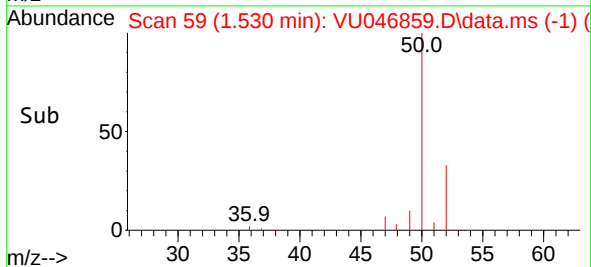
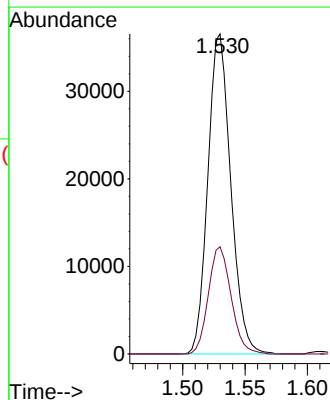
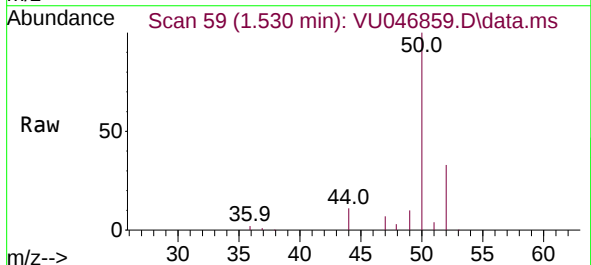
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

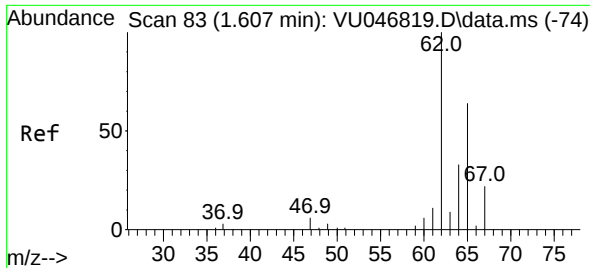
Tgt Ion: 85 Resp: 54276
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.6



#3
Chloromethane
Concen: 5.455 ug/L
RT: 1.530 min Scan# 59
Delta R.T. 0.003 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion: 50 Resp: 46857
Ion Ratio Lower Upper
50 100
52 33.5 23.0 42.8

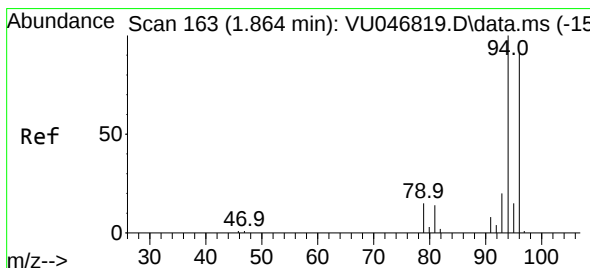
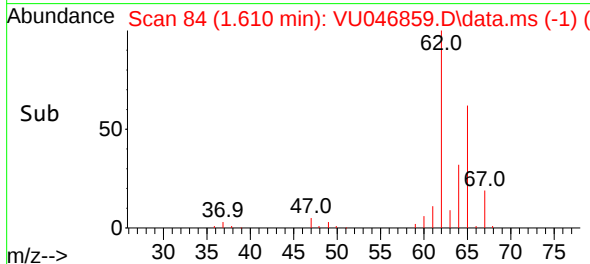
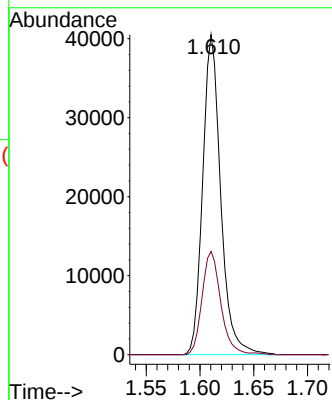
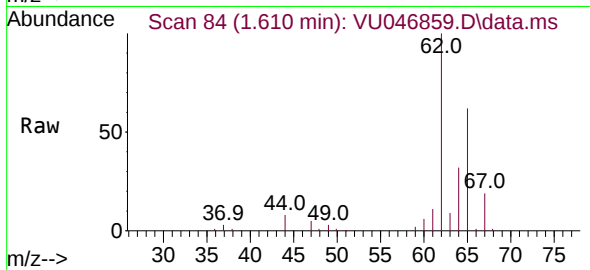




#5
 Vinyl chloride
 Concen: 5.290 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU046859.D
 Acq: 27 Jan 2022 09:31

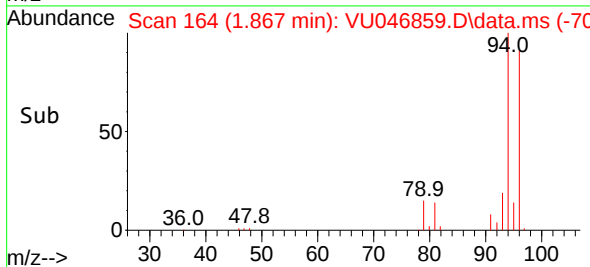
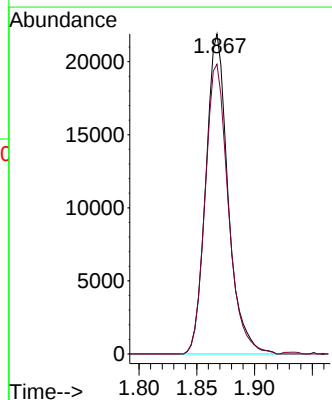
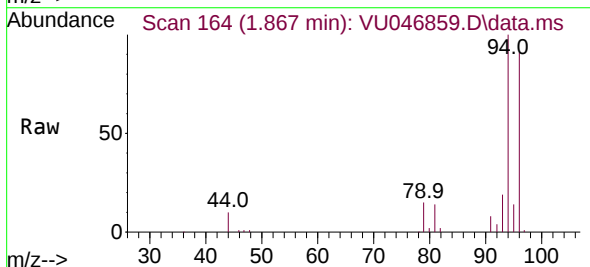
Instrument :
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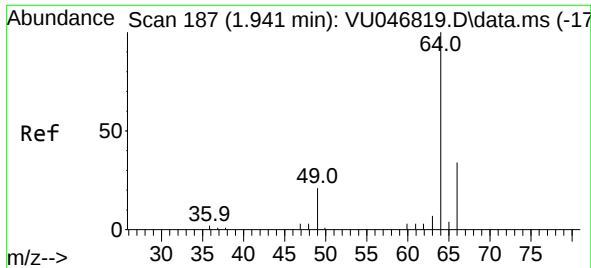
Tgt Ion: 62 Resp: 47309
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 5.241 ug/L
 RT: 1.867 min Scan# 164
 Delta R.T. 0.003 min
 Lab File: VU046859.D
 Acq: 27 Jan 2022 09:31

Tgt Ion: 94 Resp: 29326
 Ion Ratio Lower Upper
 94 100
 96 90.5 65.5 121.6

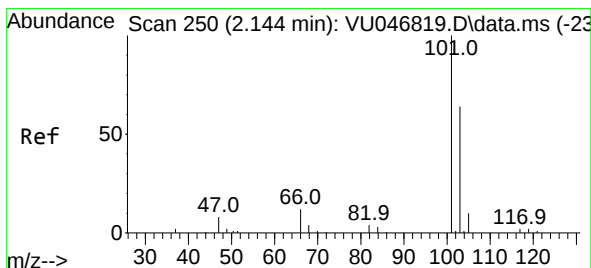
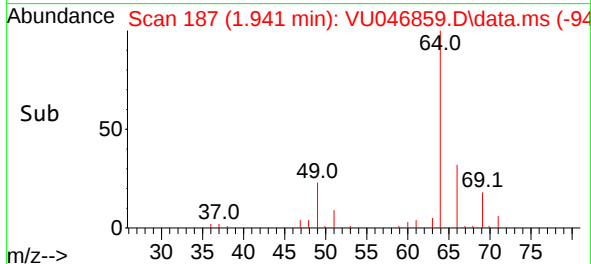
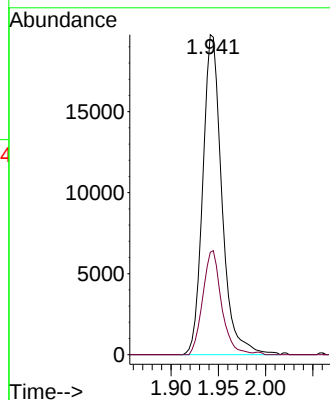
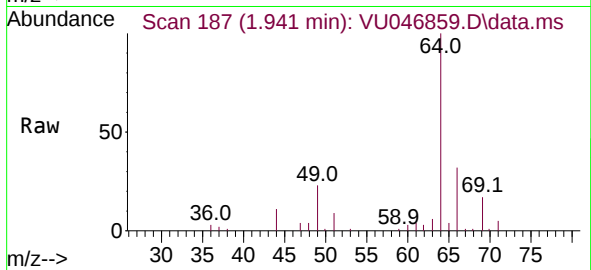




#8
Chloroethane
Concen: 5.385 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

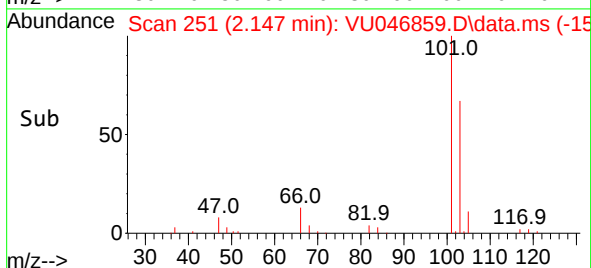
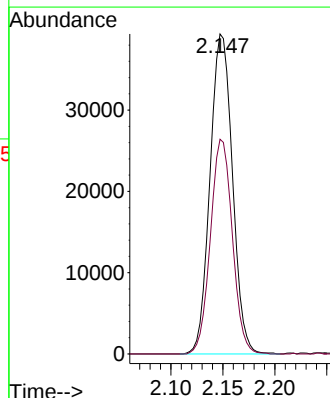
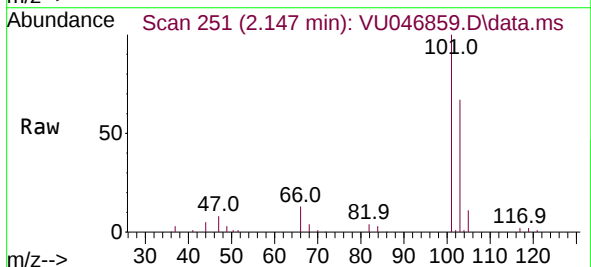
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

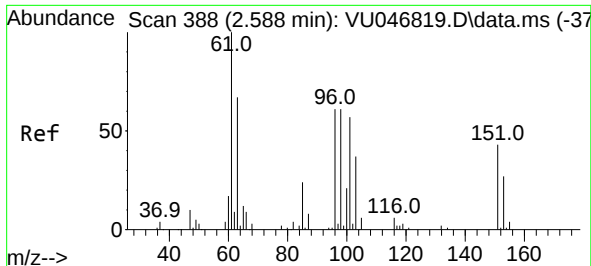
Tgt Ion: 64 Resp: 27724
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.418 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion:101 Resp: 59048
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3

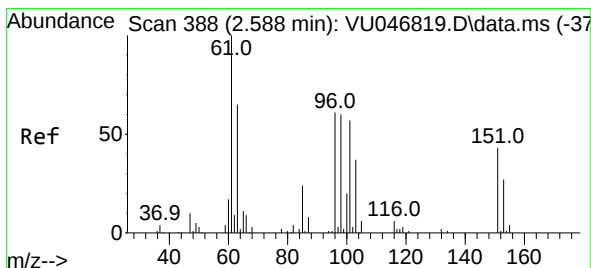
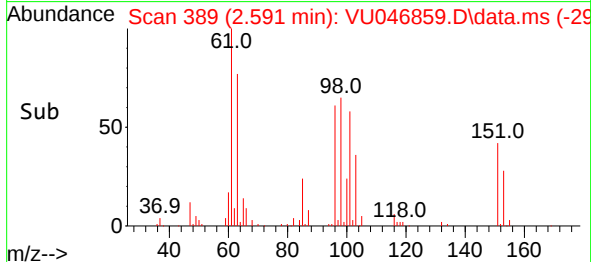
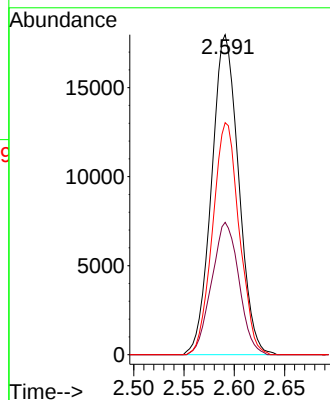
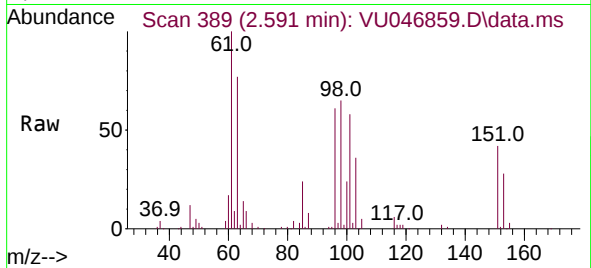




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.186 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

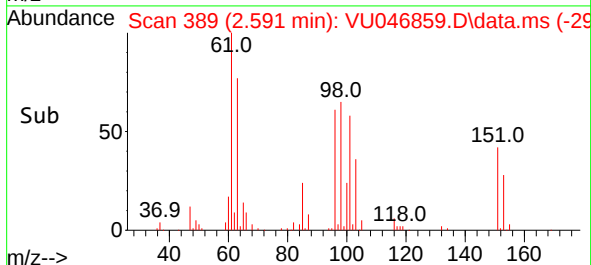
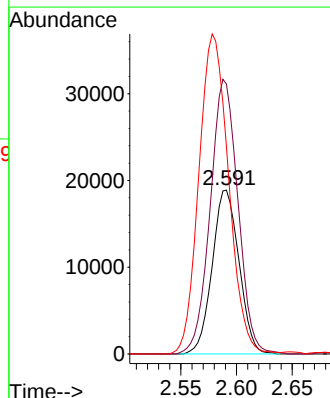
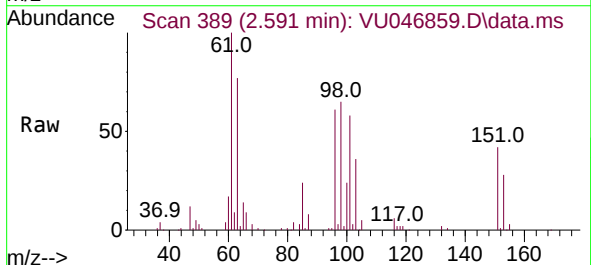
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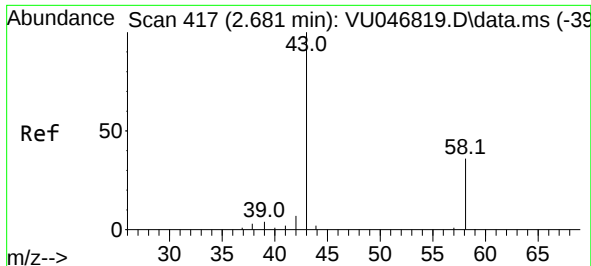
Tgt Ion:101 Resp: 33603
Ion Ratio Lower Upper
101 100
85 41.8 34.6 51.8
151 71.3 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.097 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion: 96 Resp: 31562
Ion Ratio Lower Upper
96 100
61 164.7 124.7 231.5
63 126.6 105.2 195.4





#13

Acetone

Concen: 30.880 ug/L

RT: 2.694 min Scan# 41

Delta R.T. 0.023 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

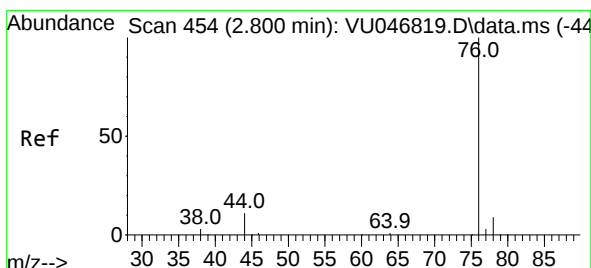
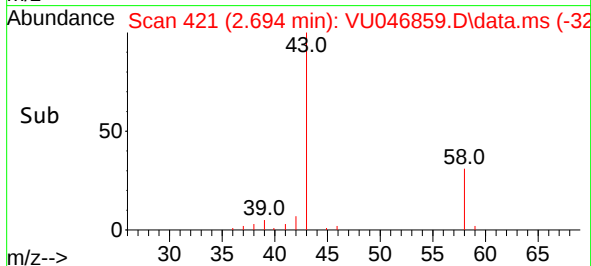
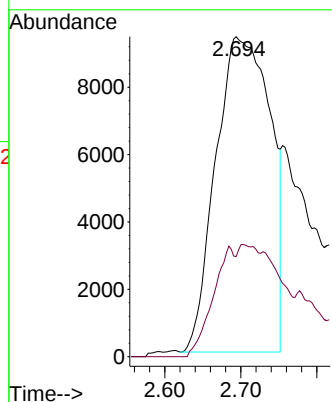
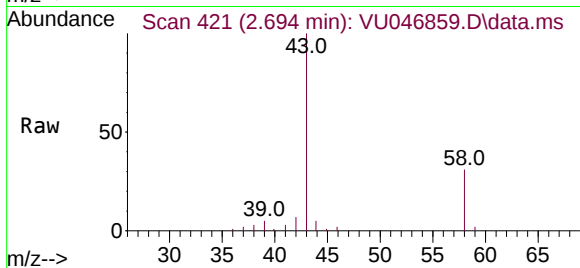
VSTD005174

Tgt Ion: 43 Resp: 46755

Ion Ratio Lower Upper

43 100

58 14.5 0.0 71.6



#14

Carbon disulfide

Concen: 4.928 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.000 min

Lab File: VU046859.D

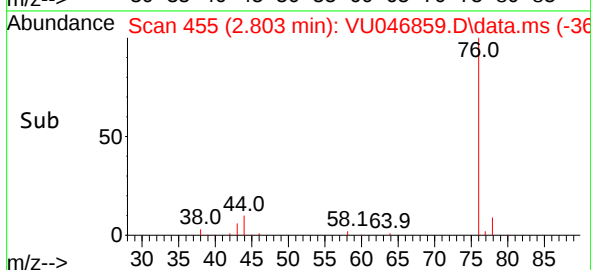
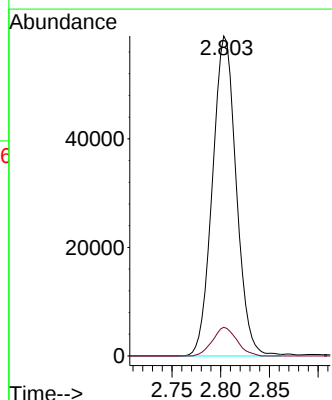
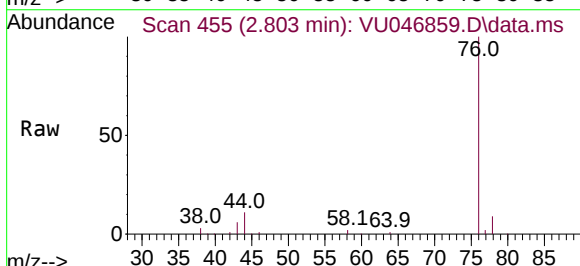
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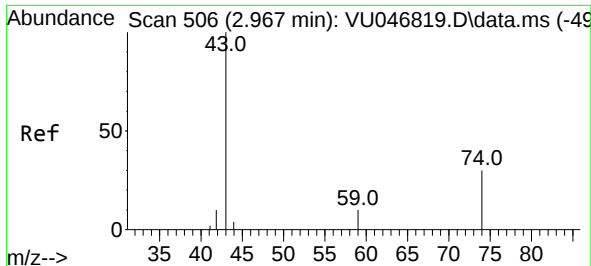
Tgt Ion: 76 Resp: 100217

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

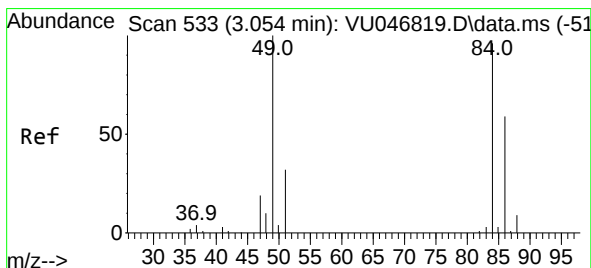
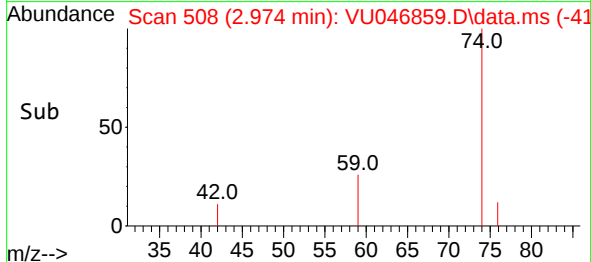
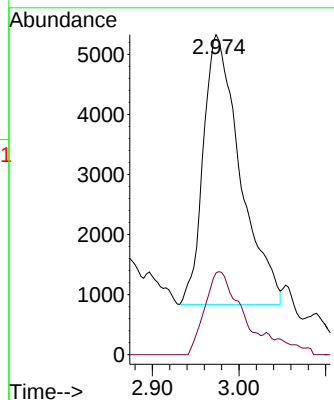
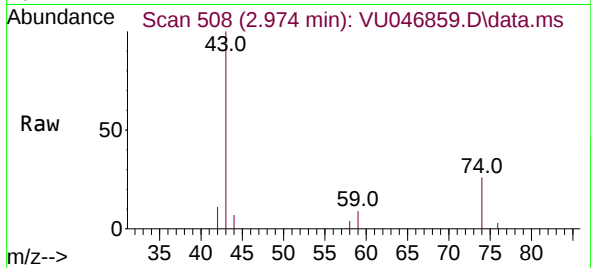




#15
Methyl Acetate
Concen: 4.015 ug/L
RT: 2.974 min Scan# 506
Delta R.T. 0.006 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

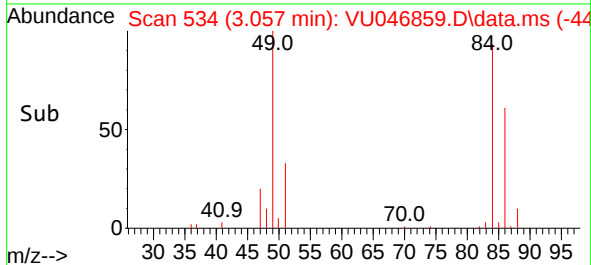
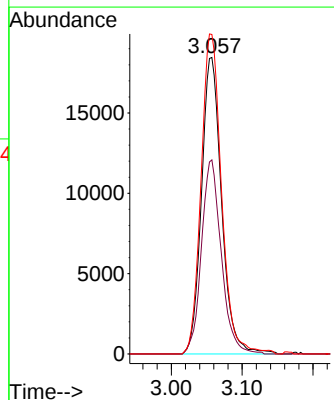
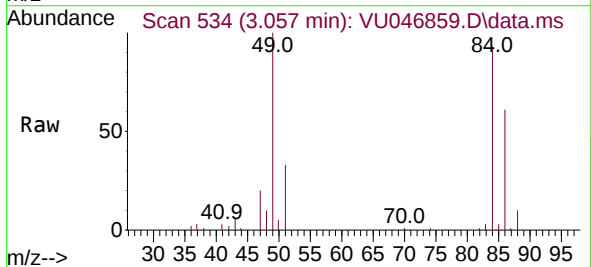
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

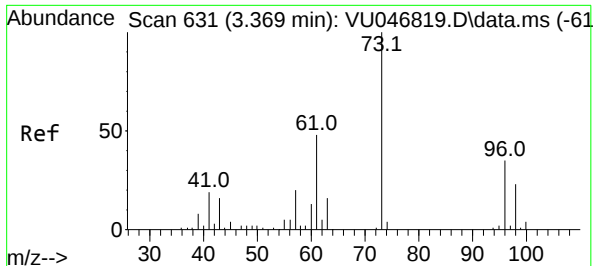
Tgt Ion: 43 Resp: 13280
Ion Ratio Lower Upper
43 100
74 29.2 19.1 28.7#



#16
Methylene chloride
Concen: 4.863 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion: 84 Resp: 36362
Ion Ratio Lower Upper
84 100
86 65.5 45.8 85.0
49 107.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 4.526 ug/L

RT: 3.372 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

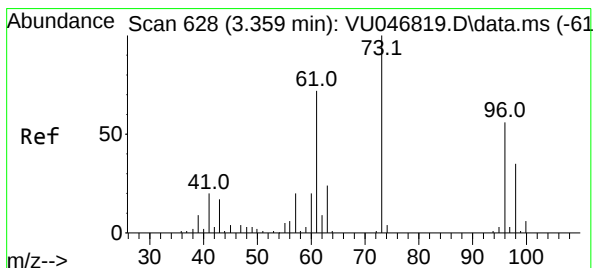
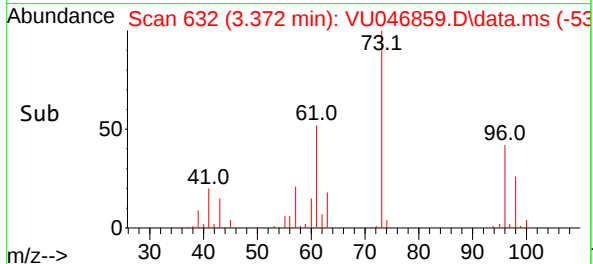
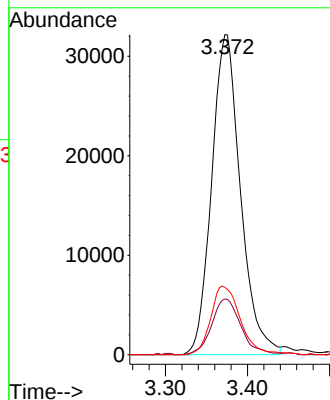
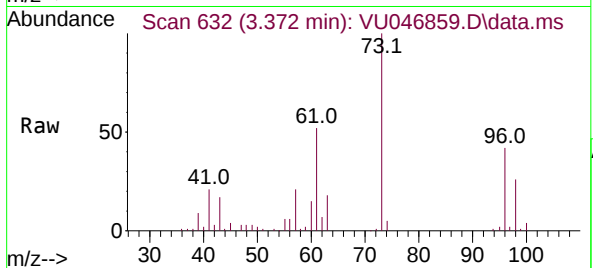
Tgt Ion: 73 Resp: 78638

Ion Ratio Lower Upper

73 100

43 17.7 14.8 22.2

57 22.1 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.928 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

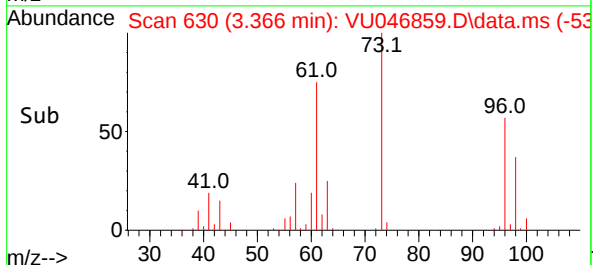
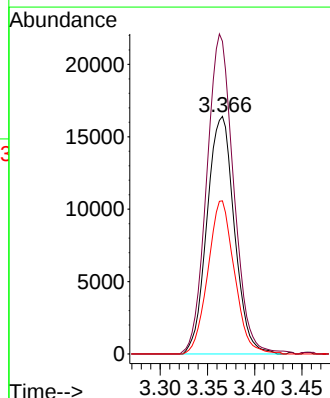
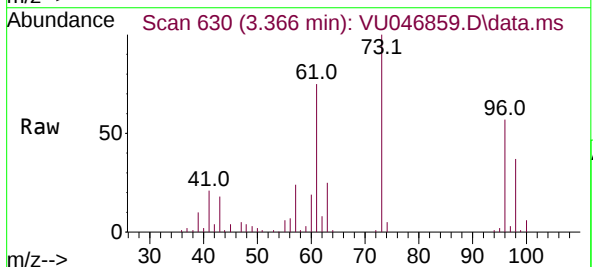
Tgt Ion: 96 Resp: 33051

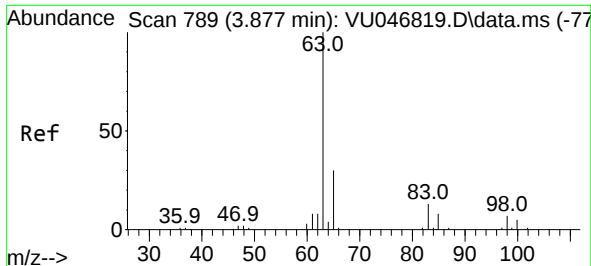
Ion Ratio Lower Upper

96 100

61 131.6 100.8 187.2

98 64.5 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.170 ug/L

RT: 3.880 min Scan# 79

Delta R.T. 0.000 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

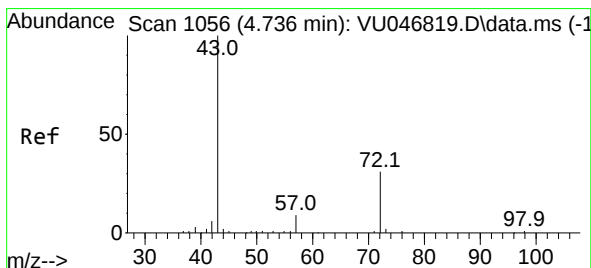
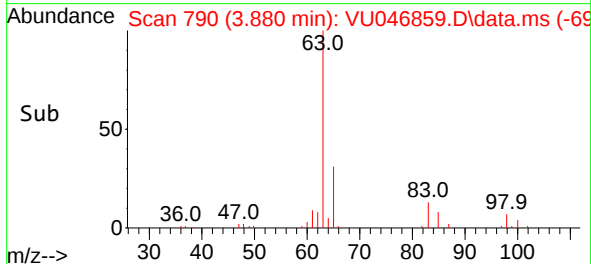
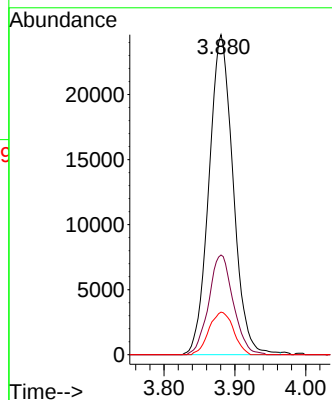
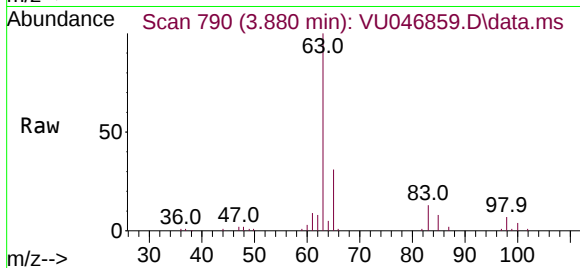
Tgt Ion: 63 Resp: 58213

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.5

83 13.3 9.6 17.8



#21

2-Butanone

Concen: 47.448 ug/L

RT: 4.745 min Scan# 1059

Delta R.T. 0.013 min

Lab File: VU046859.D

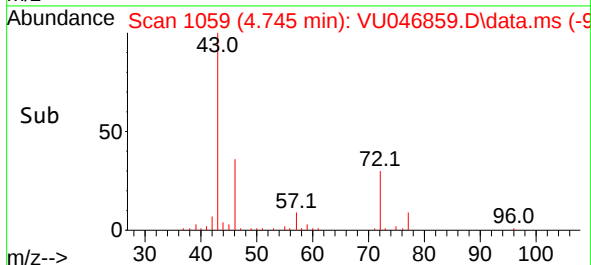
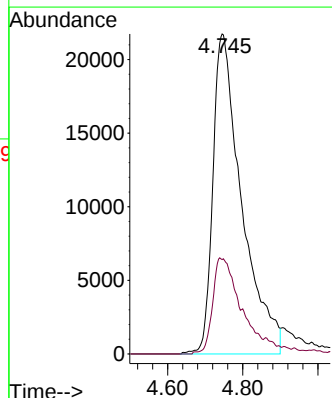
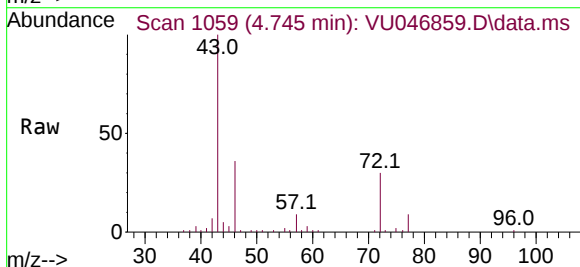
Acq: 27 Jan 2022 09:31

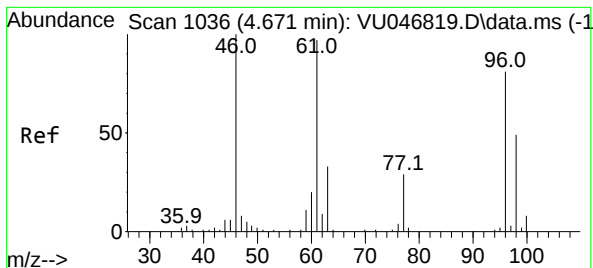
Tgt Ion: 43 Resp: 115538

Ion Ratio Lower Upper

43 100

72 28.7 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 4.733 ug/L

RT: 4.678 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

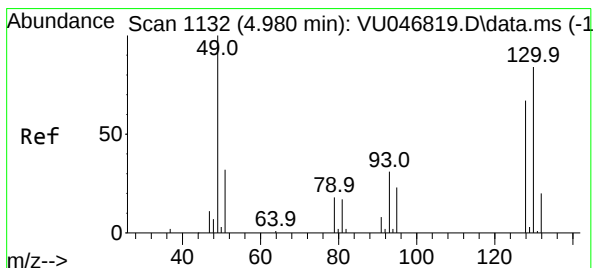
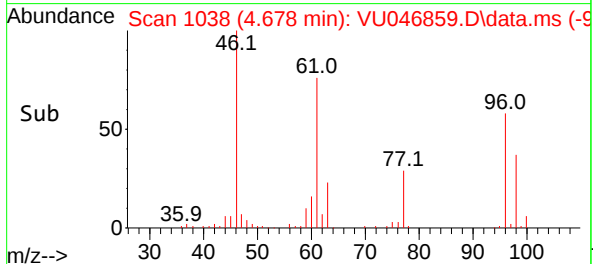
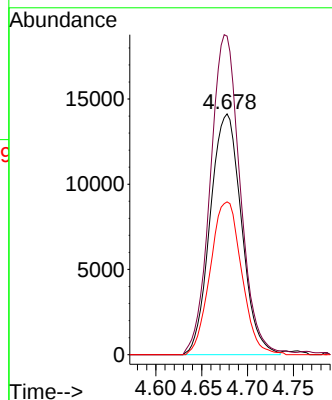
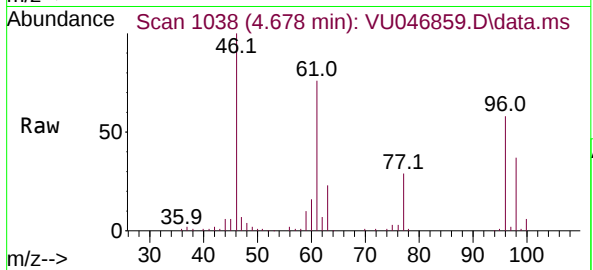
Tgt Ion: 96 Resp: 33486

Ion Ratio Lower Upper

96 100

61 132.2 88.5 164.3

98 63.5 44.4 82.5



#23

Bromochloromethane

Concen: 4.938 ug/L

RT: 4.986 min Scan# 1134

Delta R.T. 0.003 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Tgt Ion:128 Resp: 17189

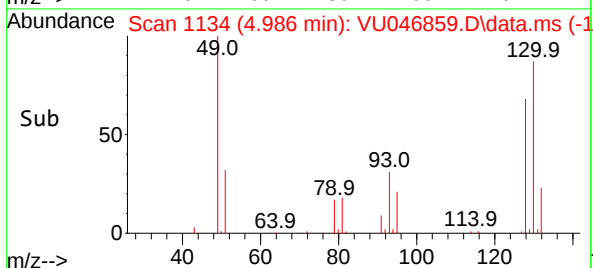
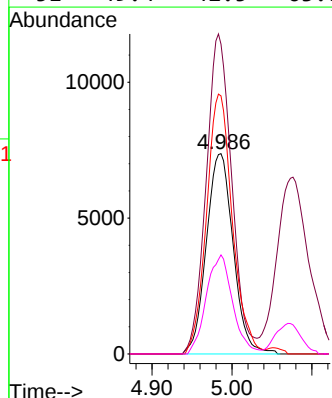
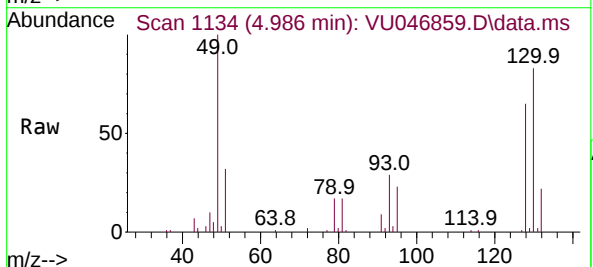
Ion Ratio Lower Upper

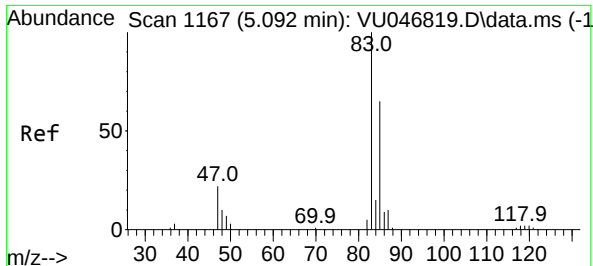
128 100

49 154.6 117.0 217.2

130 128.8 88.2 163.8

51 49.4 42.5 63.7





#25

Chloroform

Concen: 3.594 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

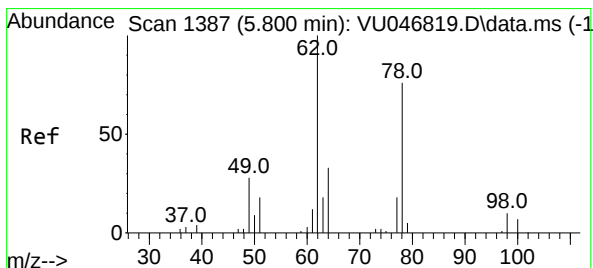
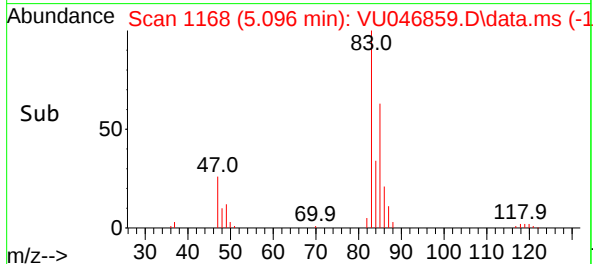
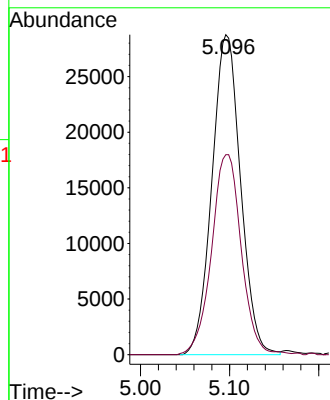
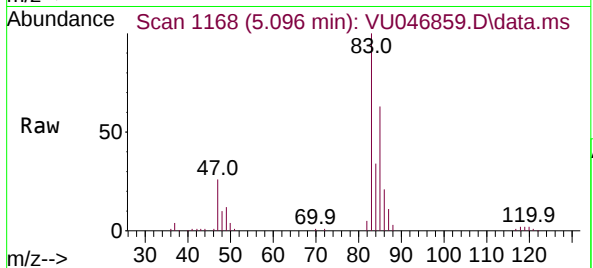
VSTD005174

Tgt Ion: 83 Resp: 64231

Ion Ratio Lower Upper

83 100

85 62.5 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.451 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.006 min

Lab File: VU046859.D

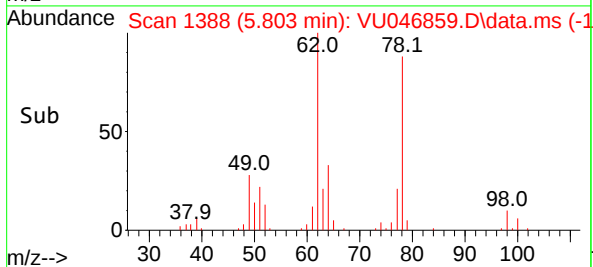
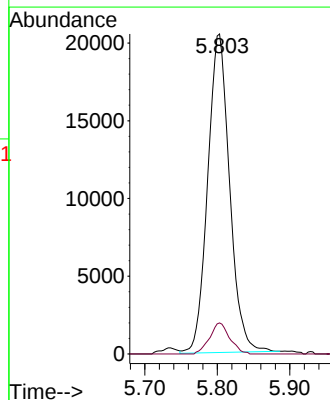
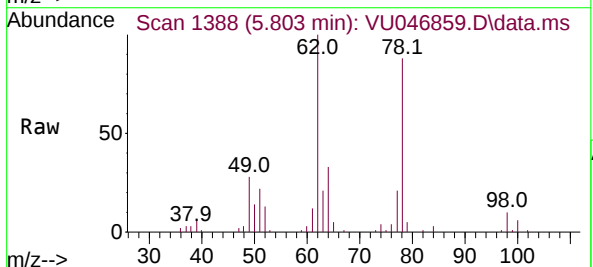
Acq: 27 Jan 2022 09:31

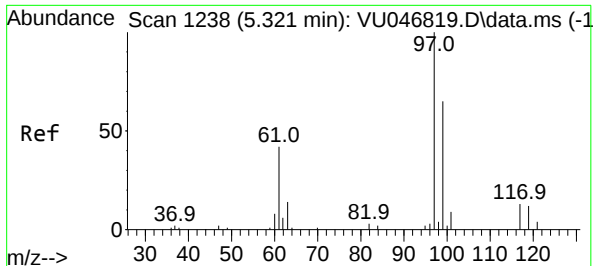
Tgt Ion: 62 Resp: 43001

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.906 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

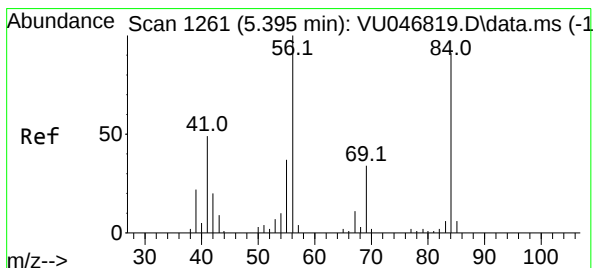
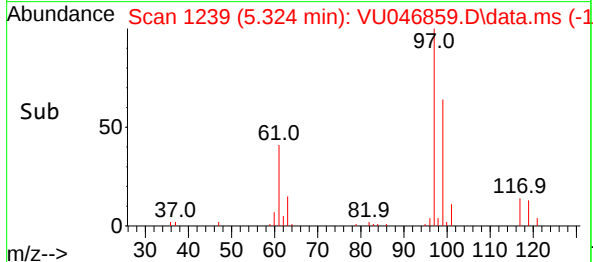
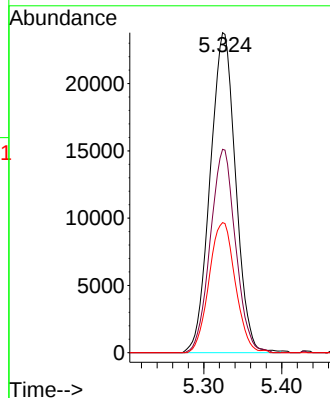
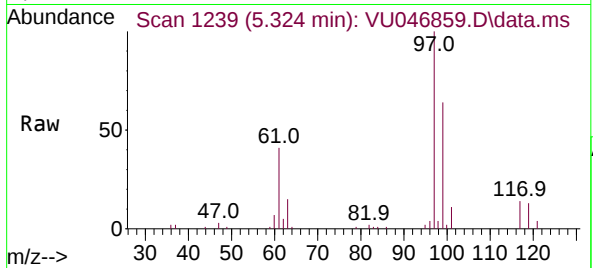
Tgt Ion: 97 Resp: 53960

Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 41.9 36.1 54.1



#30

Cyclohexane

Concen: 4.292 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.003 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

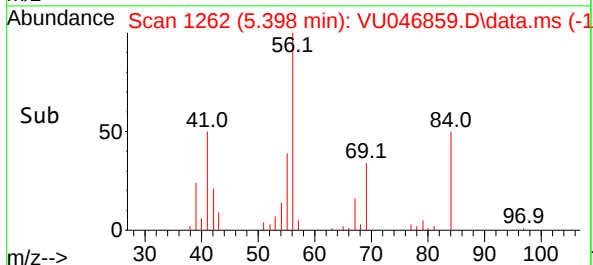
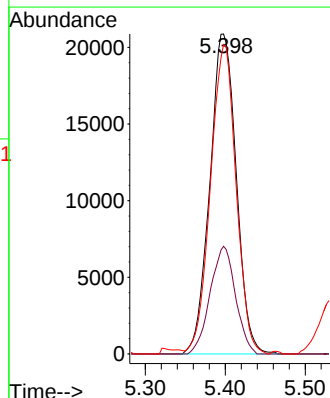
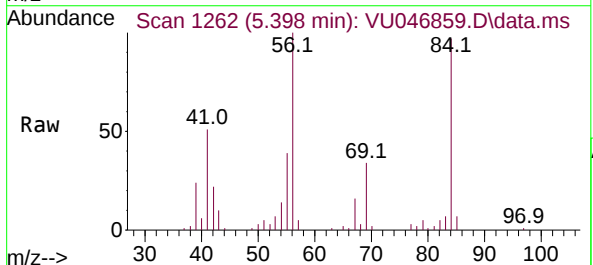
Tgt Ion: 56 Resp: 47888

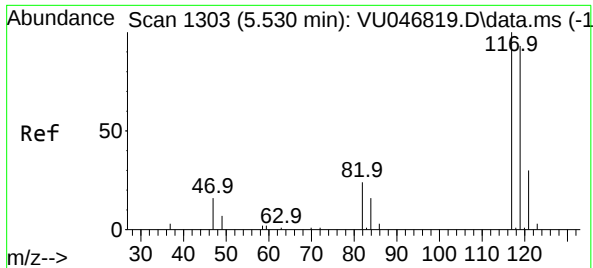
Ion Ratio Lower Upper

56 100

69 32.3 24.7 37.1

84 93.6 71.8 107.6

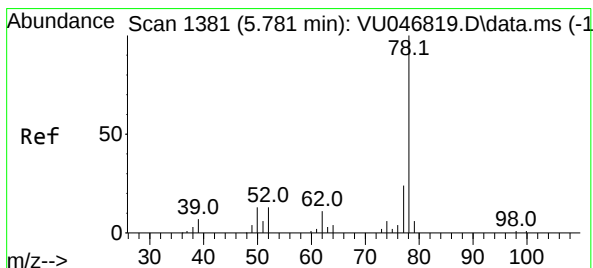
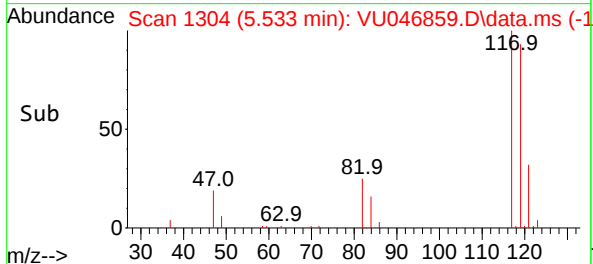
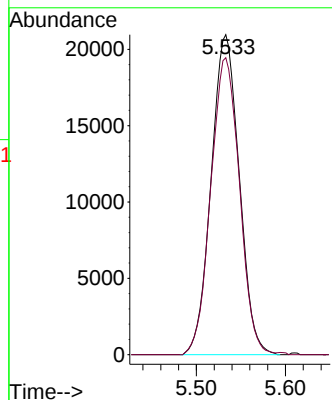
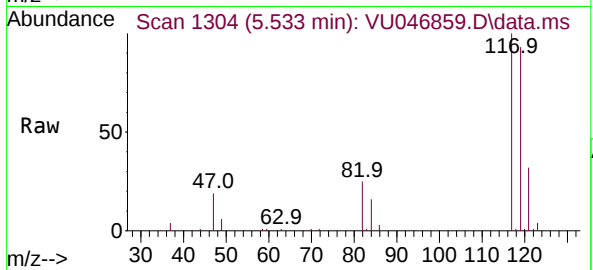




#31
Carbon tetrachloride
Concen: 4.861 ug/L
RT: 5.533 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

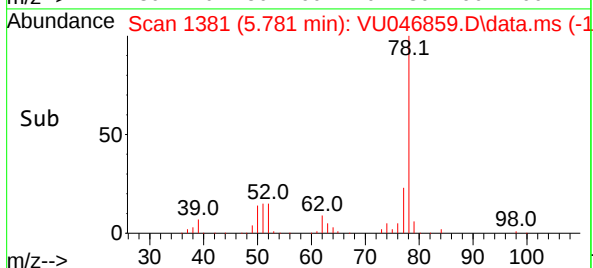
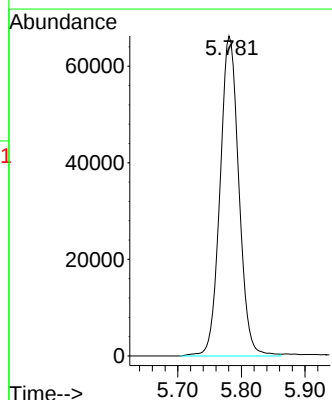
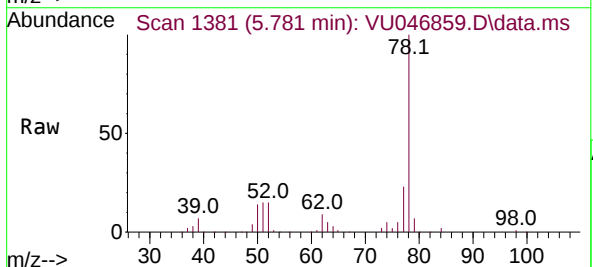
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

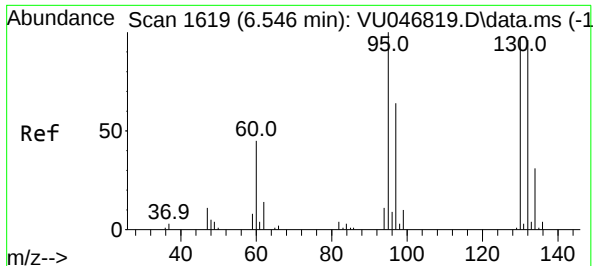
Tgt Ion:117 Resp: 45875
Ion Ratio Lower Upper
117 100
119 94.9 77.5 116.3



#33
Benzene
Concen: 4.738 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion: 78 Resp: 136229

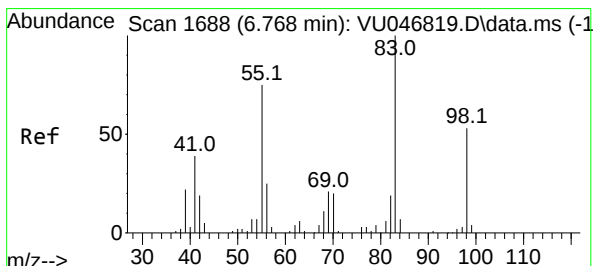
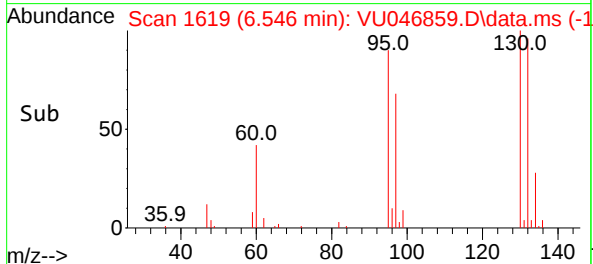
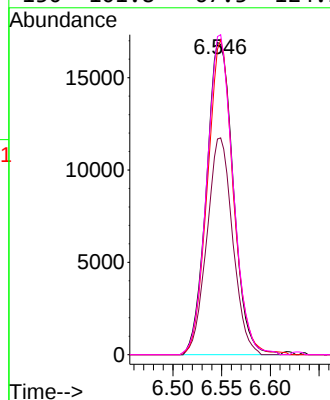
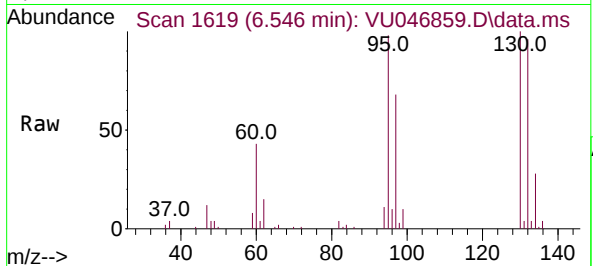




#34
Trichloroethene
Concen: 4.337 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

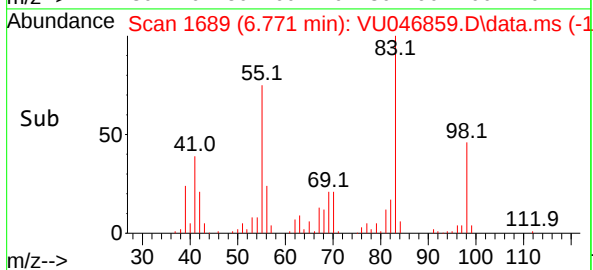
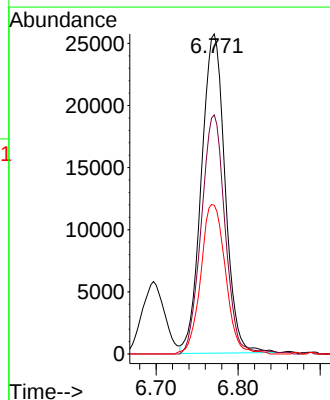
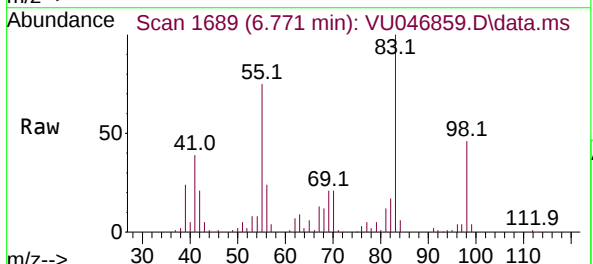
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

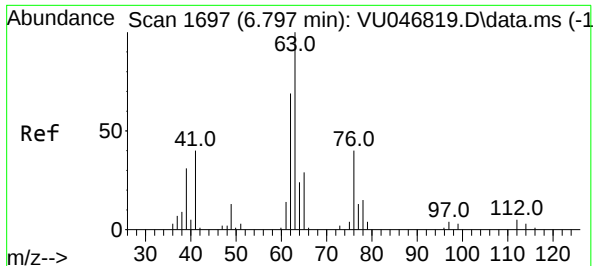
Tgt Ion: 95 Resp: 32377
Ion Ratio Lower Upper
95 100
97 69.1 46.5 86.5
132 97.8 65.1 120.9
130 101.8 67.3 124.9



#35
Methylcyclohexane
Concen: 4.116 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.003 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion: 83 Resp: 51467
Ion Ratio Lower Upper
83 100
55 74.7 61.9 92.9
98 48.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.915 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

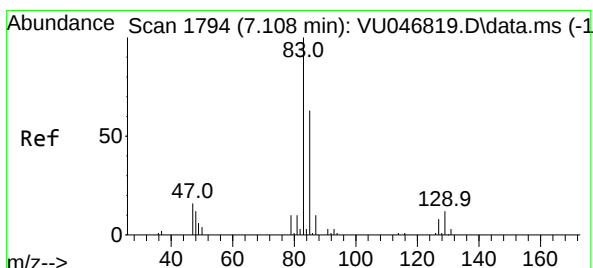
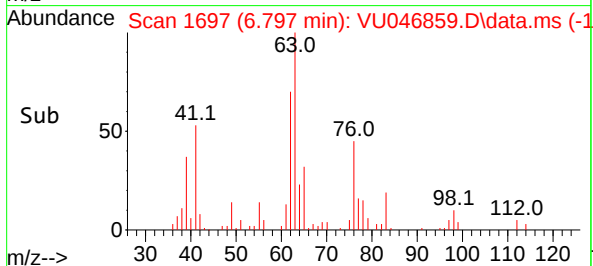
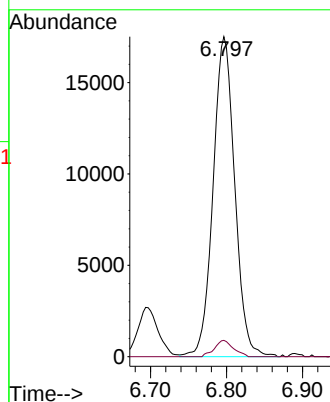
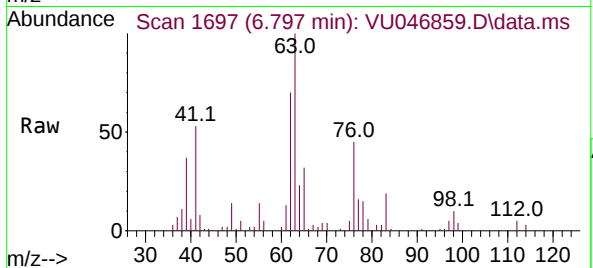
VSTD005174

Tgt Ion: 63 Resp: 34664

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 4.397 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

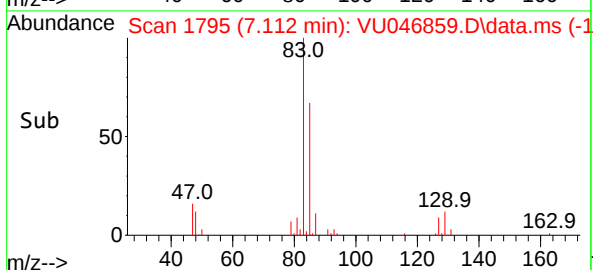
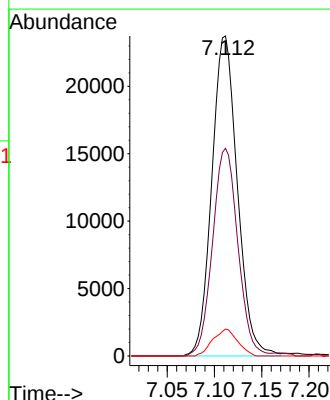
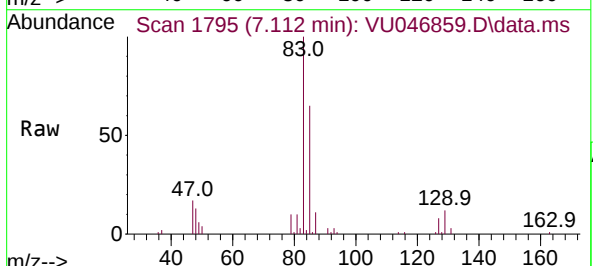
Tgt Ion: 83 Resp: 44635

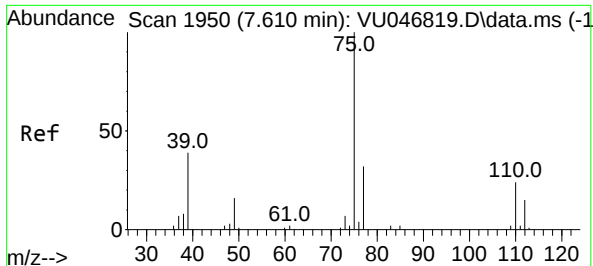
Ion Ratio Lower Upper

83 100

85 64.9 44.0 81.8

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.365 ug/L

RT: 7.613 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

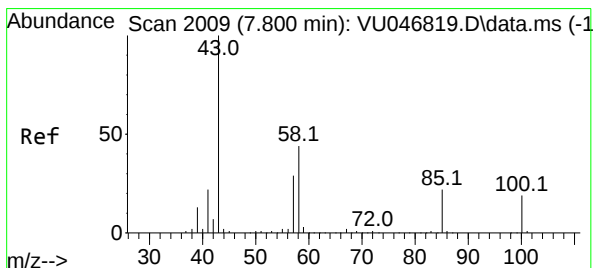
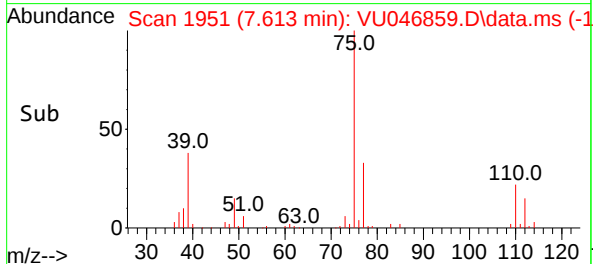
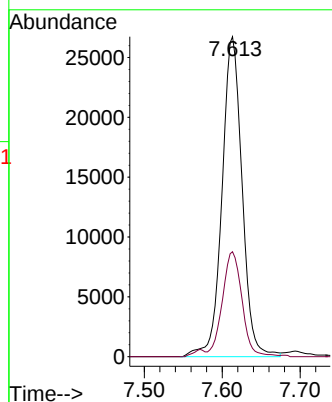
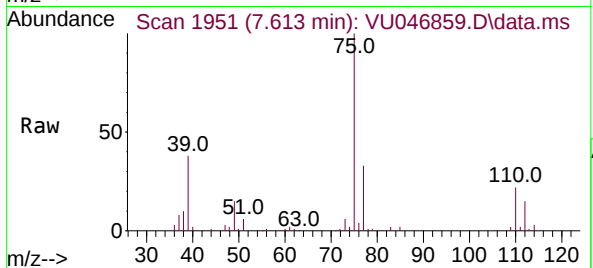
VSTD005174

Tgt Ion: 75 Resp: 48032

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 49.305 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

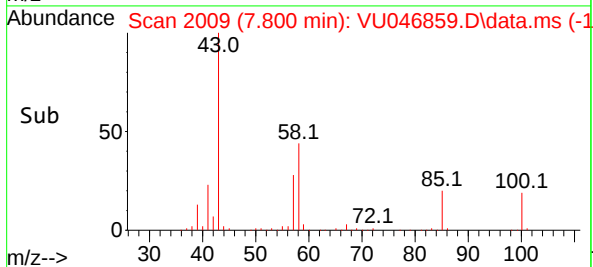
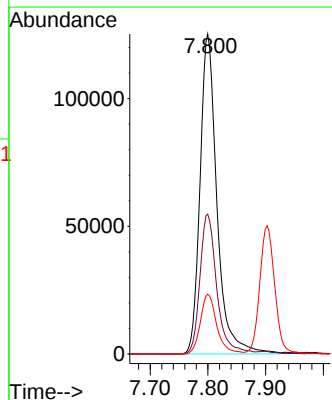
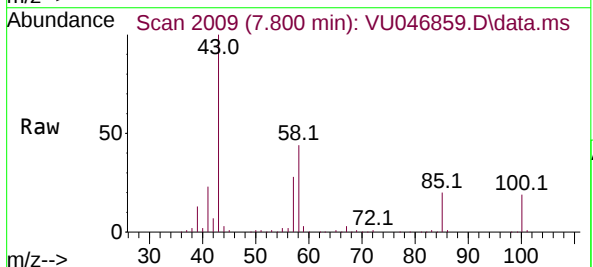
Tgt Ion: 43 Resp: 254949

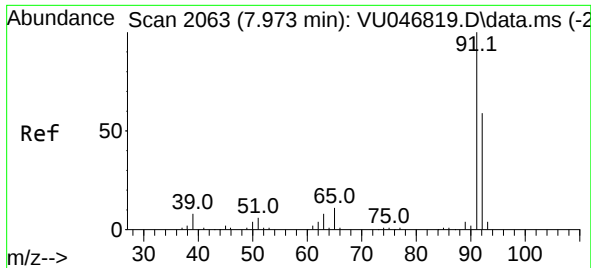
Ion Ratio Lower Upper

43 100

58 43.5 33.1 49.7

100 18.1 13.2 19.8





#42

Toluene

Concen: 4.233 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

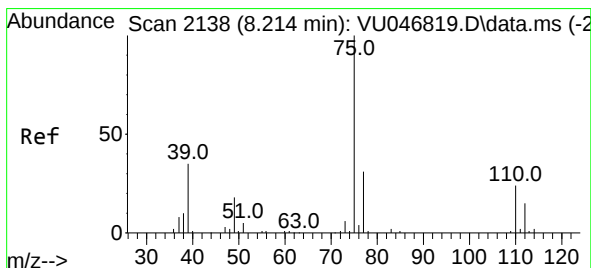
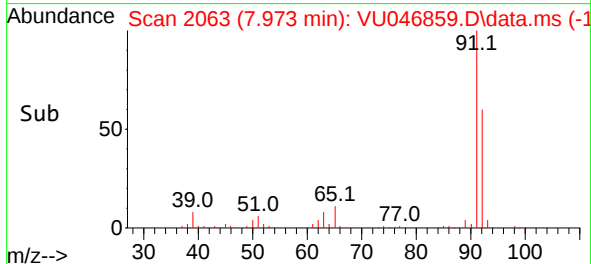
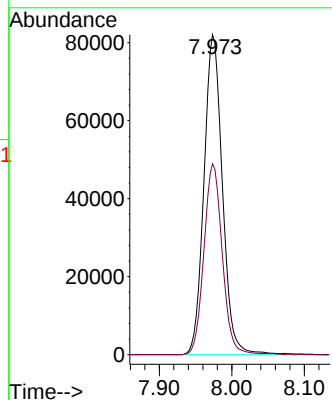
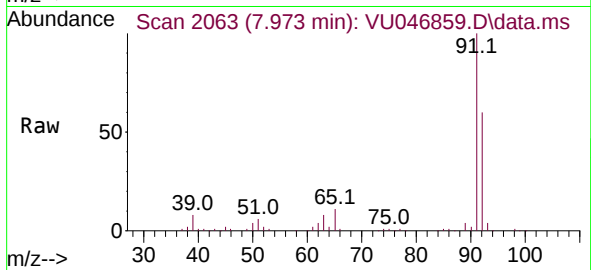
VSTD005174

Tgt Ion: 91 Resp: 145480

Ion Ratio Lower Upper

91 100

92 59.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.642 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU046859.D

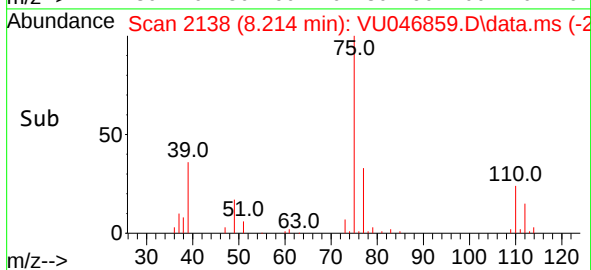
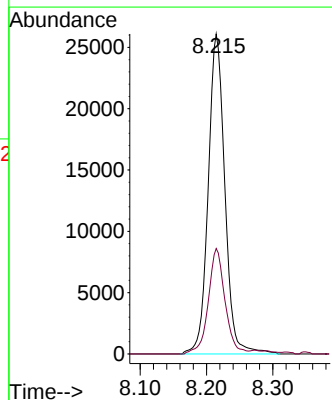
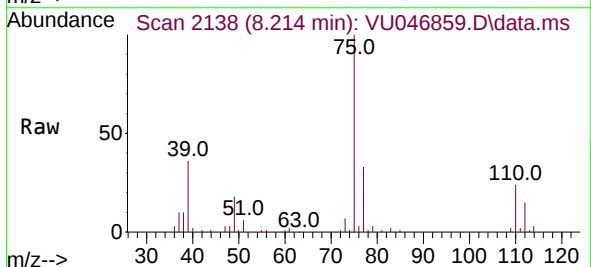
Acq: 27 Jan 2022 09:31

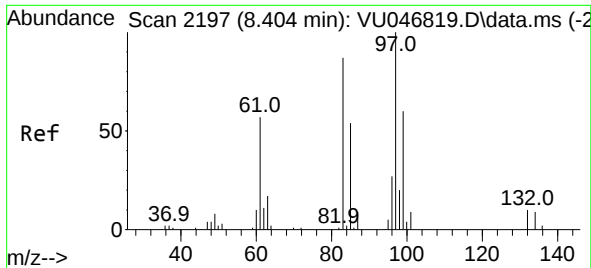
Tgt Ion: 75 Resp: 45515

Ion Ratio Lower Upper

75 100

77 33.0 22.7 42.3

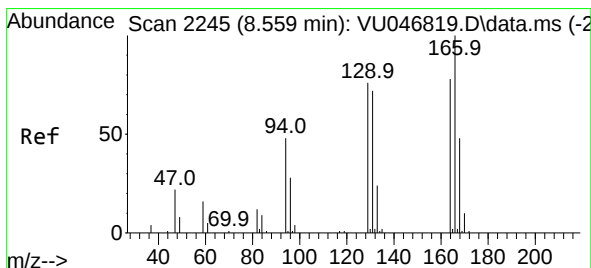
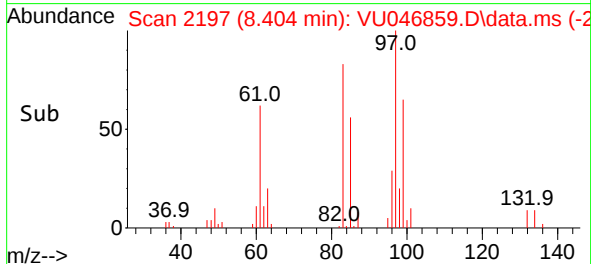
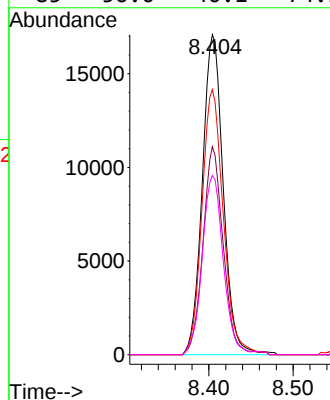
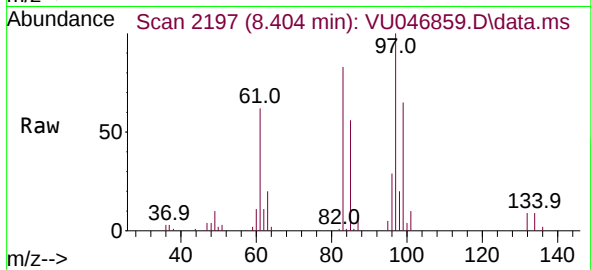




#45
1,1,2-Trichloroethane
Concen: 4.919 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

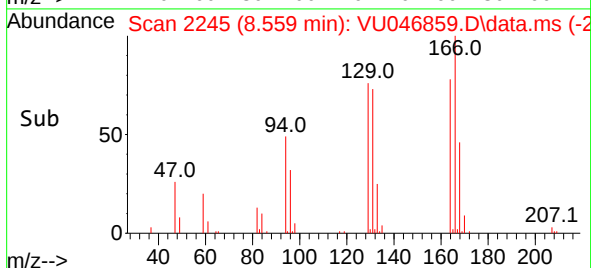
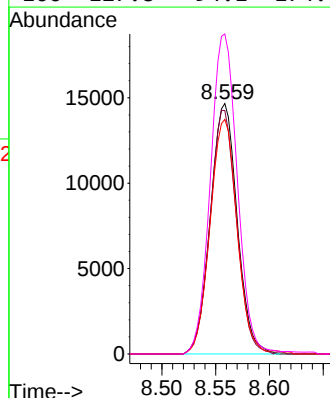
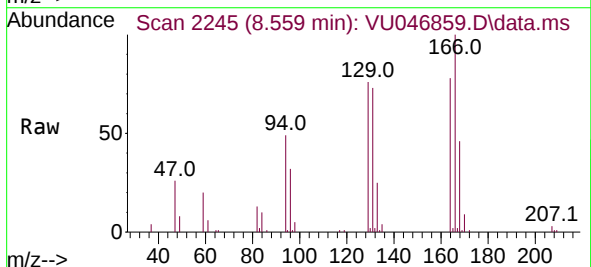
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

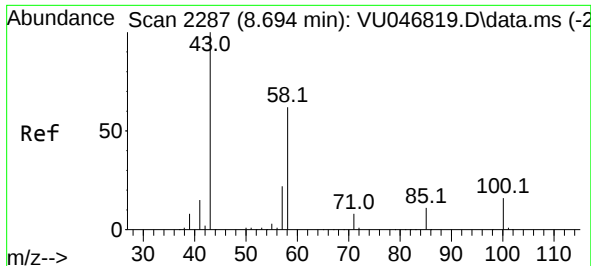
Tgt Ion:	97	Resp:	29515
Ion	Ratio	Lower	Upper
97	100		
99	65.0	42.3	78.5
83	82.9	62.0	115.2
85	56.0	40.1	74.5



#47
Tetrachloroethene
Concen: 4.185 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion:	164	Resp:	25411
Ion	Ratio	Lower	Upper
164	100		
129	97.2	71.8	133.4
131	93.7	68.5	127.3
166	127.8	94.1	174.8



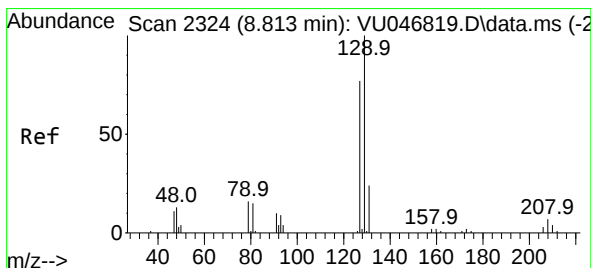
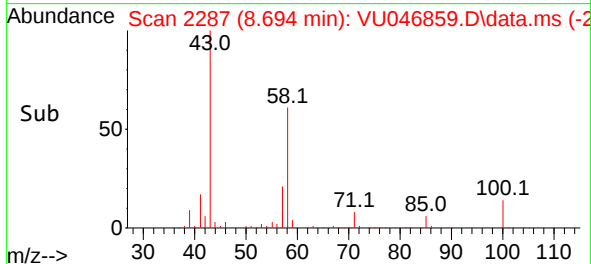
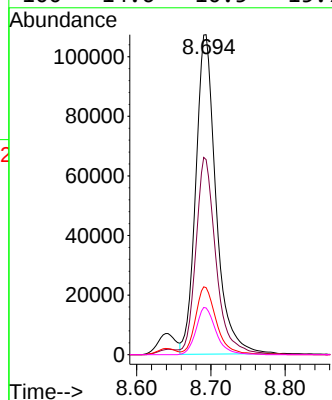
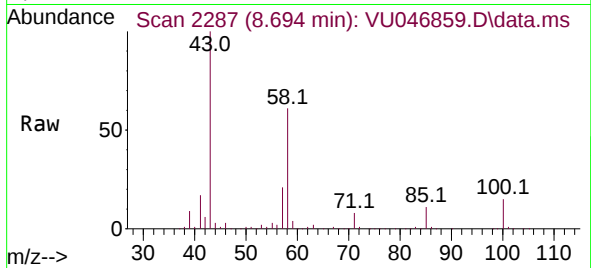


#48
2-Hexanone
Concen: 52.148 ug/L
RT: 8.694 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

Tgt Ion: 43 Resp: 203533

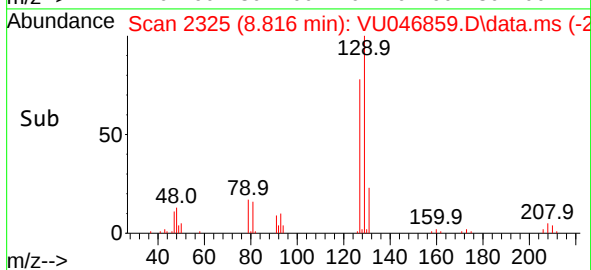
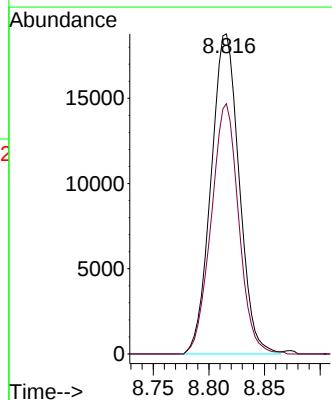
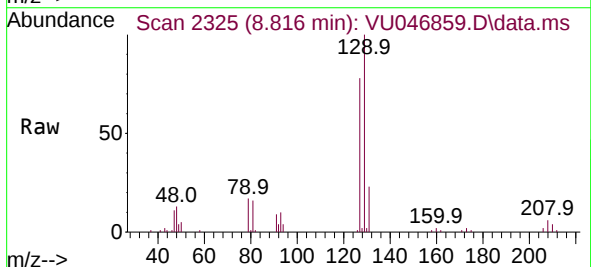
Ion	Ratio	Lower	Upper
43	100		
58	60.9	46.7	70.1
57	21.4	16.3	24.5
100	14.6	10.5	15.7

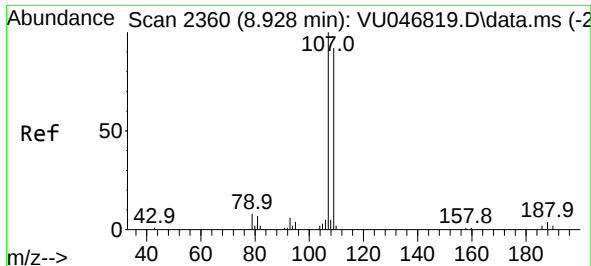


#49
Dibromochloromethane
Concen: 4.663 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion: 129 Resp: 33005

Ion	Ratio	Lower	Upper
129	100		
127	78.2	55.4	102.8

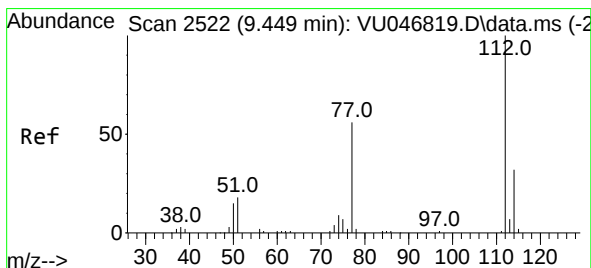
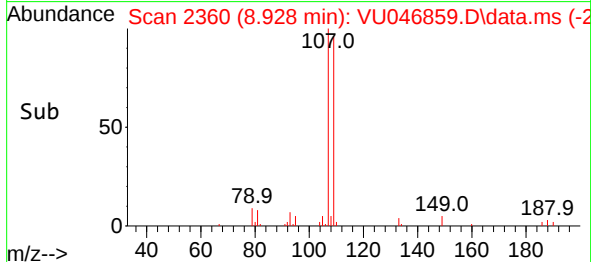
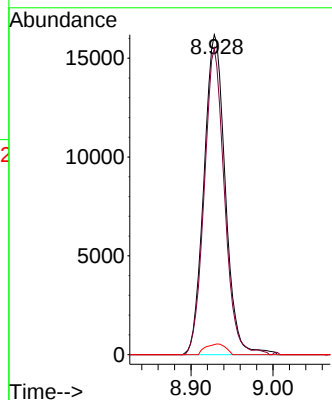
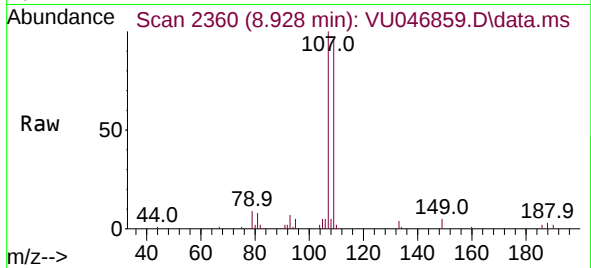




#50
1,2-Dibromoethane
Concen: 4.802 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

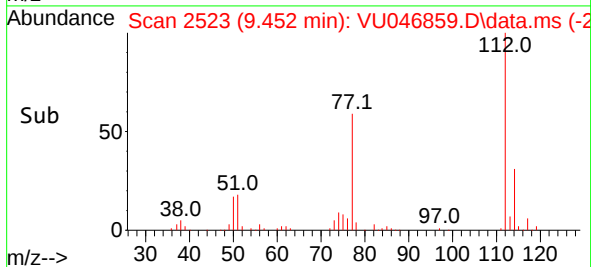
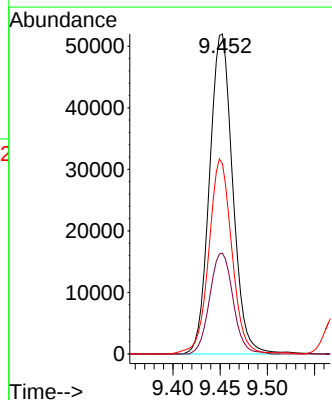
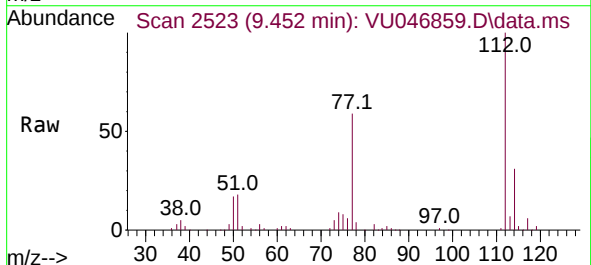
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

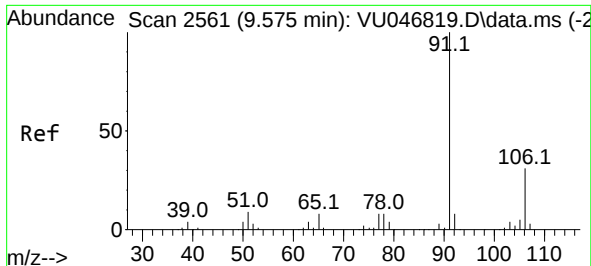
Tgt Ion:	107	Resp:	29208
Ion	Ratio	Lower	Upper
107	100		
109	95.7	64.0	119.0
188	3.1	2.4	3.6



#51
Chlorobenzene
Concen: 4.440 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion:	112	Resp:	88612
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.1	41.1
77	59.4	48.3	72.5

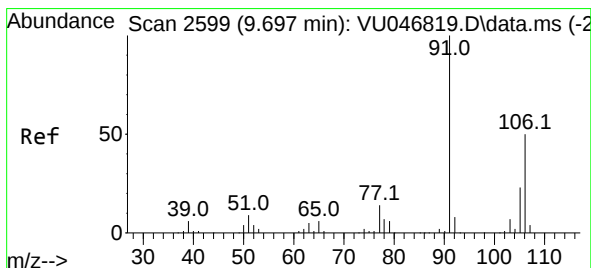
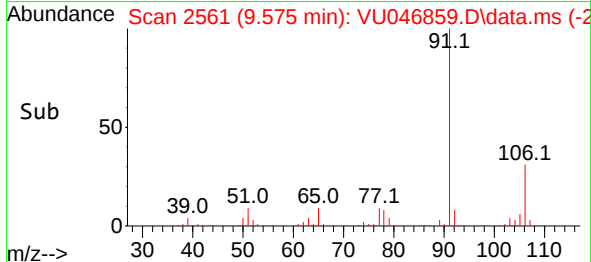
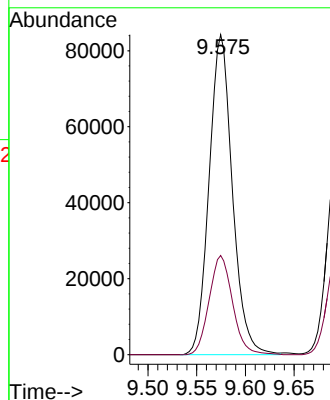
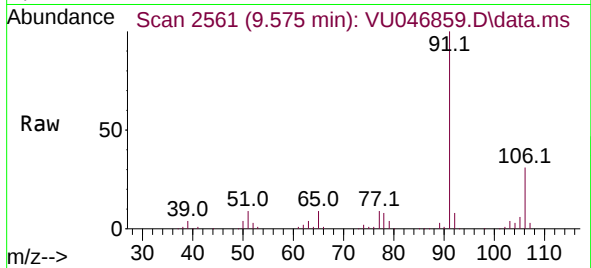




#52
Ethylbenzene
Concen: 4.276 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

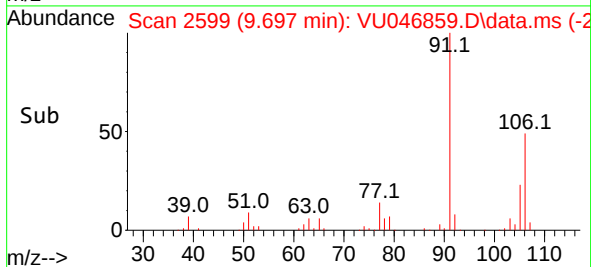
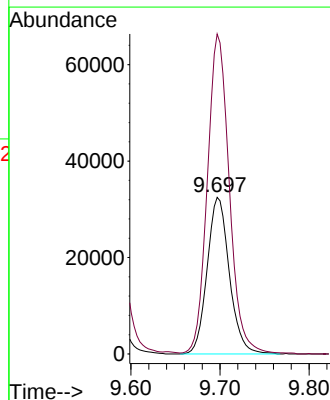
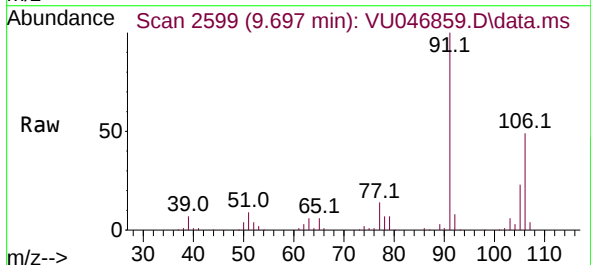
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

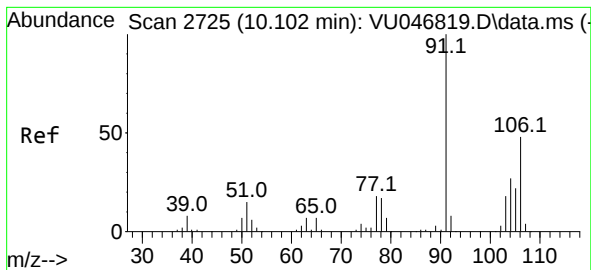
Tgt Ion: 91 Resp: 139701
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 4.314 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion: 106 Resp: 56190
Ion Ratio Lower Upper
106 100
91 204.2 139.4 259.0





#54

o-Xylene

Concen: 4.176 ug/L

RT: 10.105 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

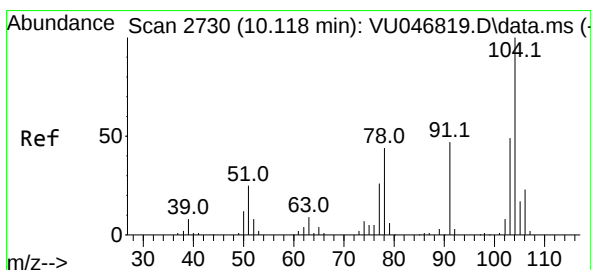
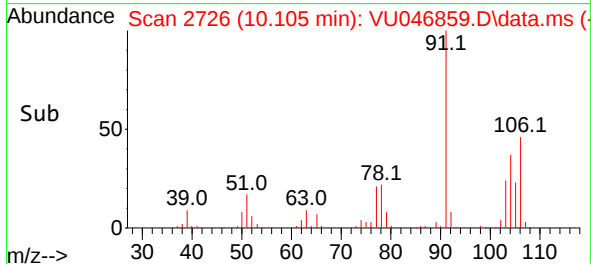
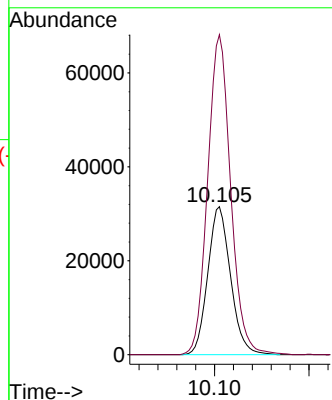
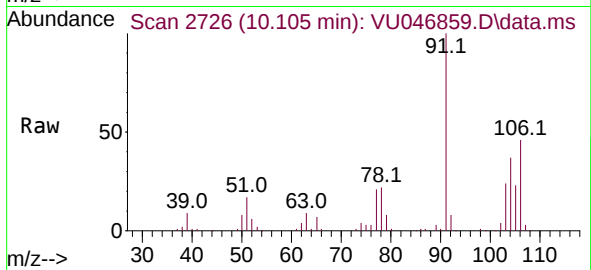
VSTD005174

Tgt Ion:106 Resp: 52724

Ion Ratio Lower Upper

106 100

91 216.3 147.5 273.9



#55

Styrene

Concen: 4.411 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU046859.D

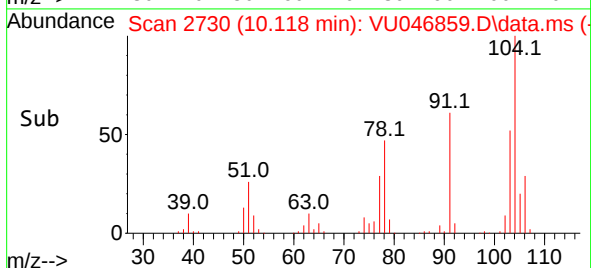
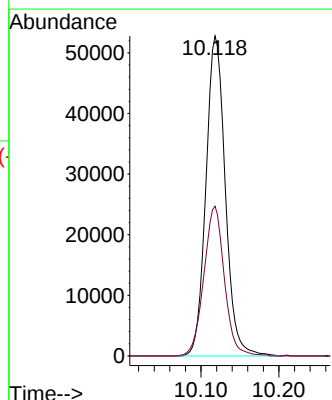
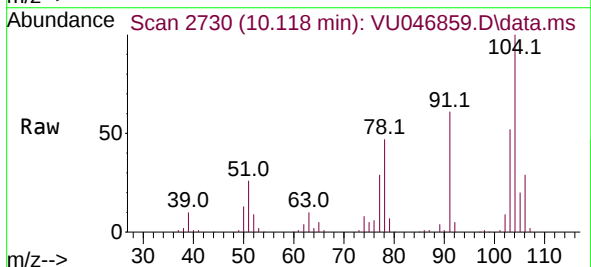
Acq: 27 Jan 2022 09:31

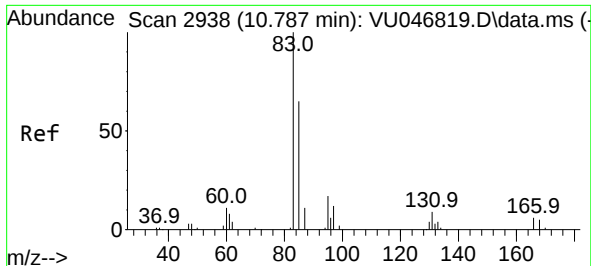
Tgt Ion:104 Resp: 91094

Ion Ratio Lower Upper

104 100

78 46.8 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.932 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. 0.003 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

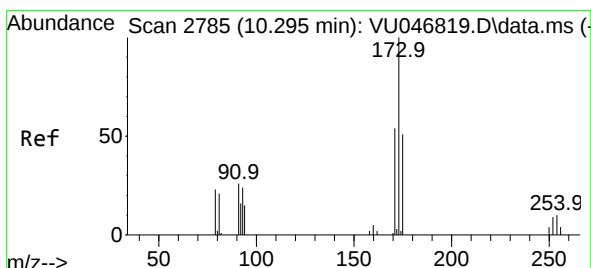
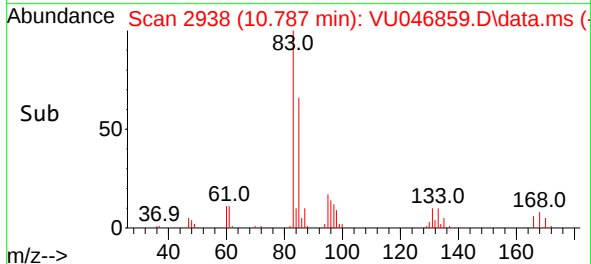
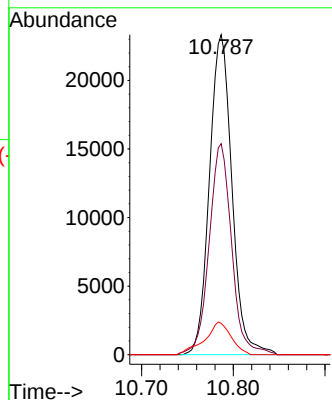
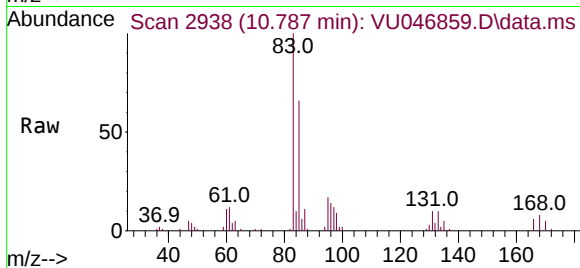
Tgt Ion: 83 Resp: 39802

Ion Ratio Lower Upper

83 100

85 66.0 47.9 89.1

131 9.8 8.1 12.1



#59

Bromoform

Concen: 4.756 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

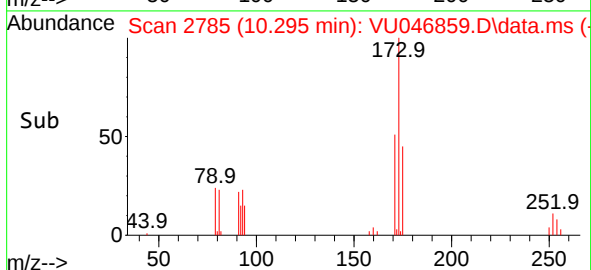
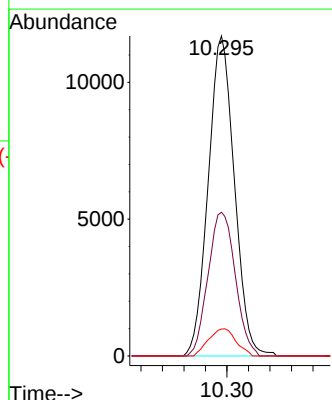
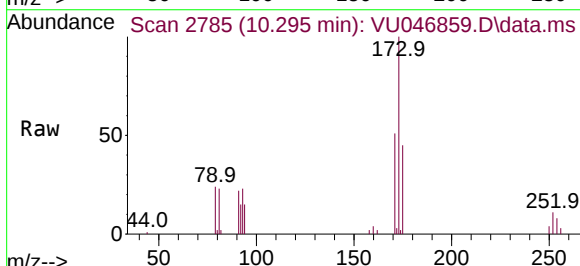
Tgt Ion:173 Resp: 19698

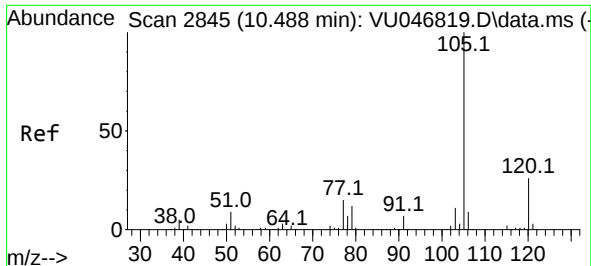
Ion Ratio Lower Upper

173 100

175 46.8 37.8 56.6

254 8.9 7.3 10.9

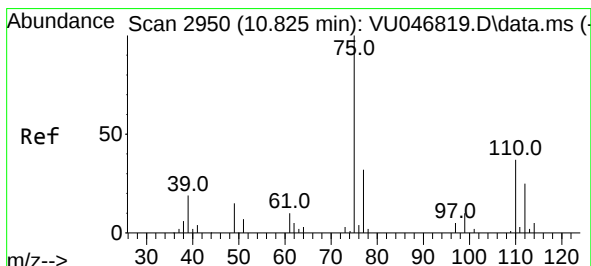
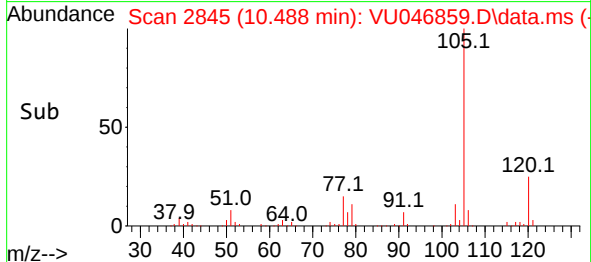
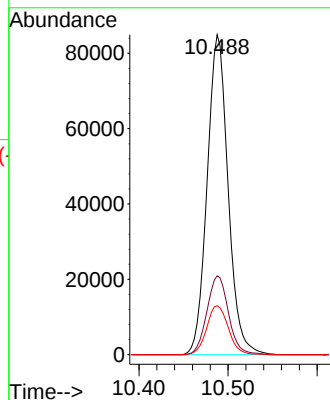
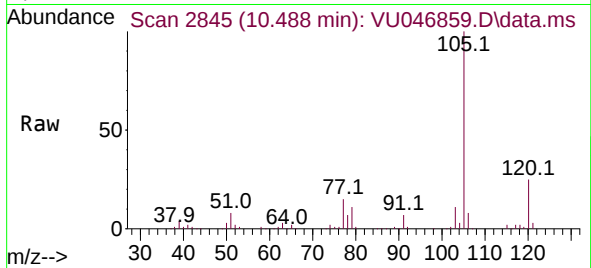




#60
Isopropylbenzene
Concen: 4.422 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

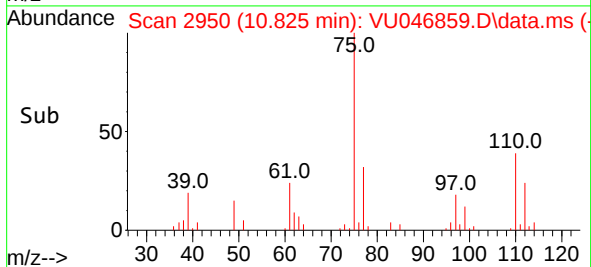
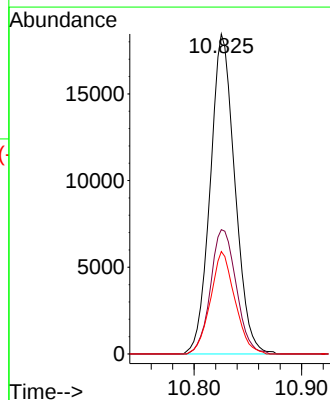
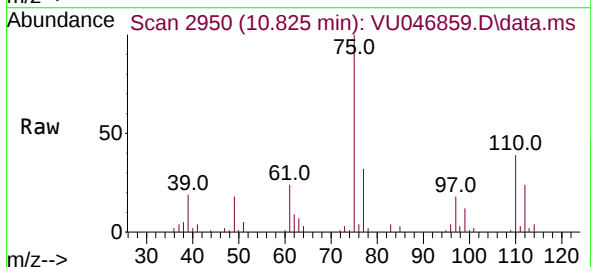
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

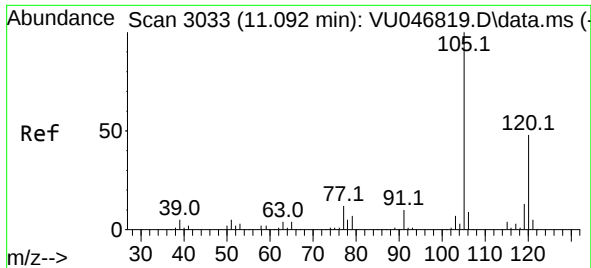
Tgt Ion:105 Resp: 138536
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.153 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion: 75 Resp: 29369
Ion Ratio Lower Upper
75 100
110 40.6 29.9 44.9
77 31.8 25.5 38.3

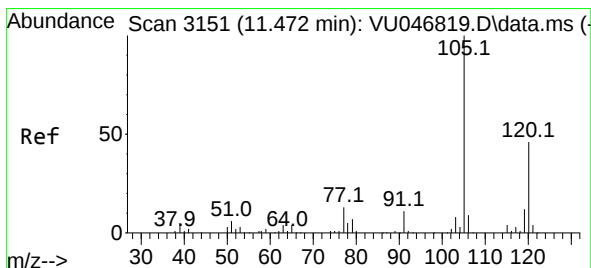
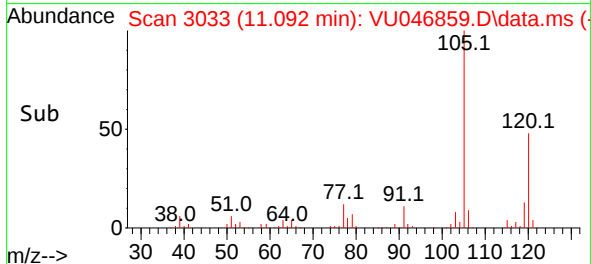
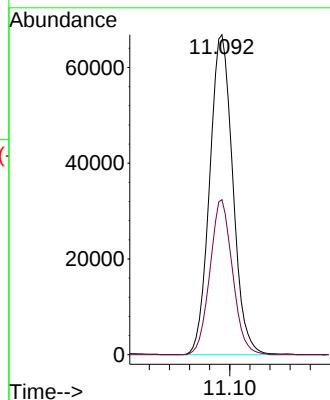
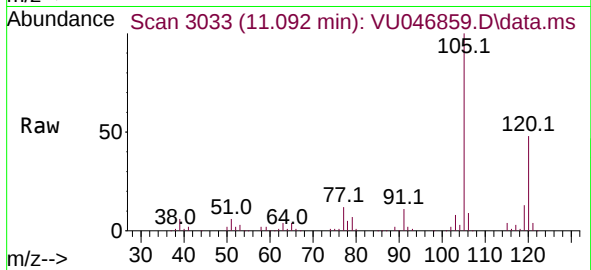




#62
1,3,5-Trimethylbenzene
Concen: 4.154 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

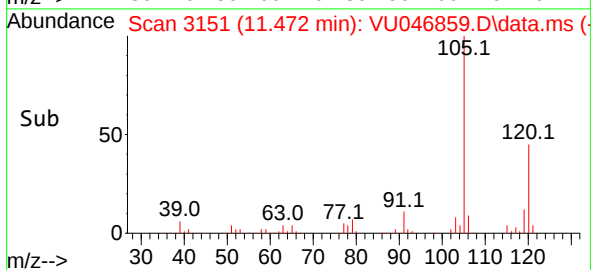
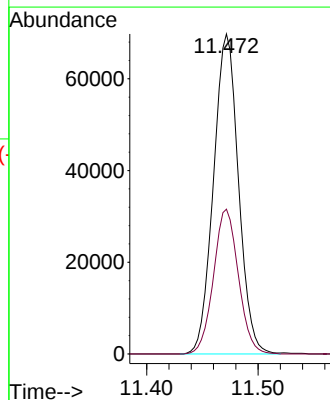
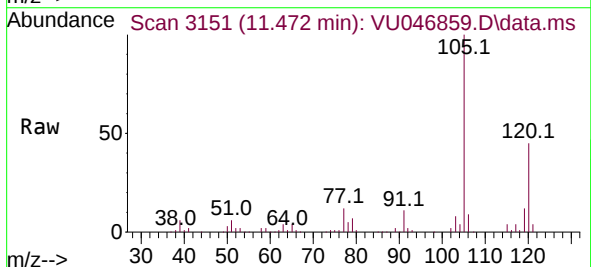
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

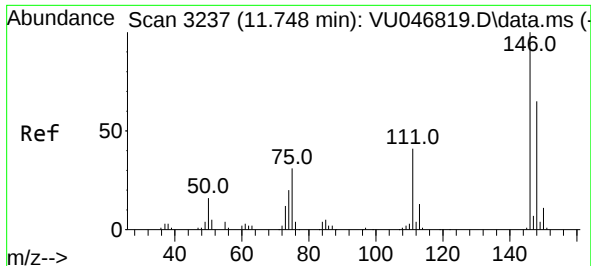
Tgt Ion:105 Resp: 106823
Ion Ratio Lower Upper
105 100
120 47.2 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.105 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion:105 Resp: 108644
Ion Ratio Lower Upper
105 100
120 45.0 35.8 53.8

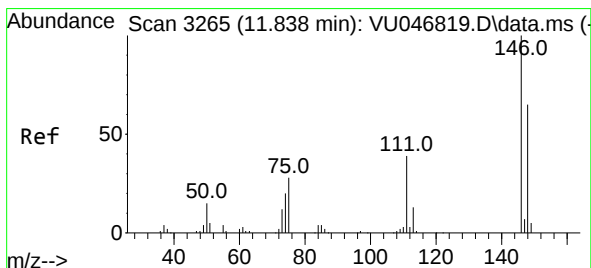
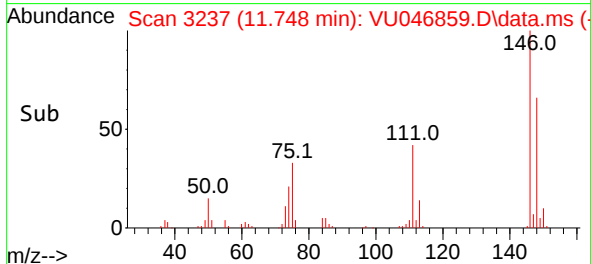
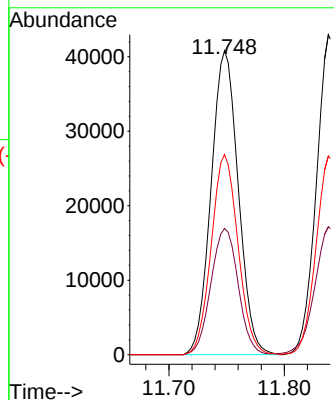
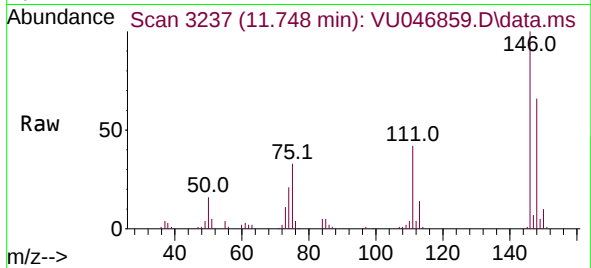




#64
1,3-Dichlorobenzene
Concen: 4.262 ug/L
RT: 11.748 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

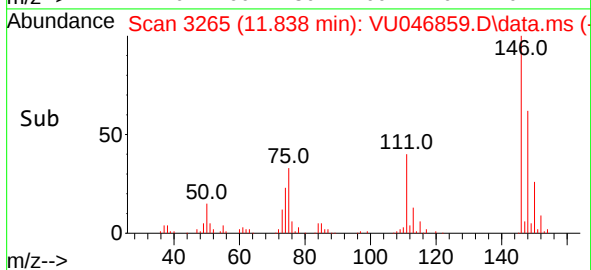
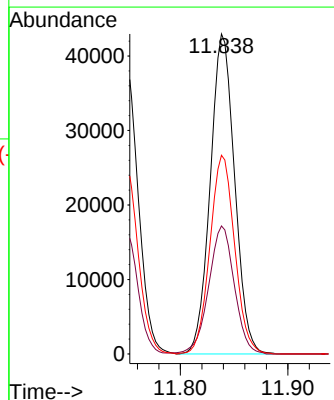
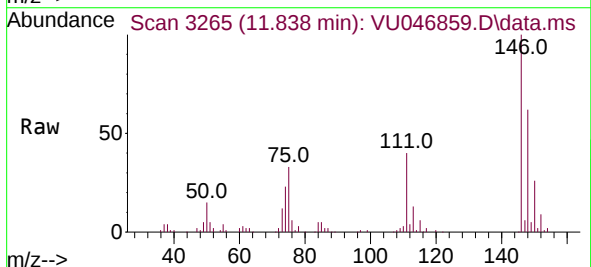
Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

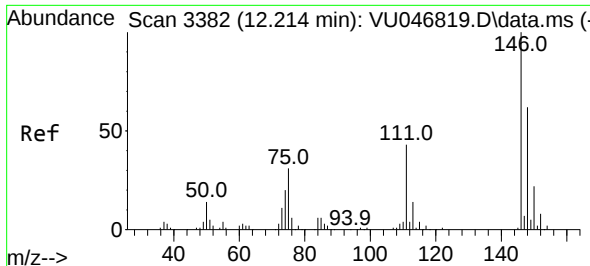
Tgt Ion:146 Resp: 66742
Ion Ratio Lower Upper
146 100
111 41.5 29.9 55.5
148 65.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.297 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046859.D
Acq: 27 Jan 2022 09:31

Tgt Ion:146 Resp: 67723
Ion Ratio Lower Upper
146 100
111 40.0 28.7 53.3
148 62.1 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.456 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

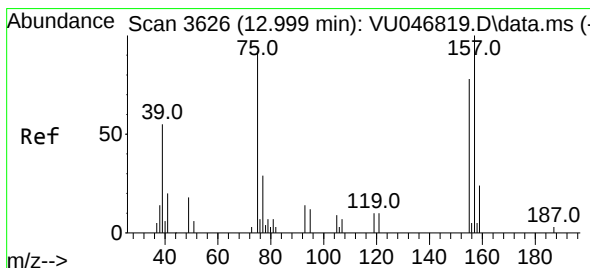
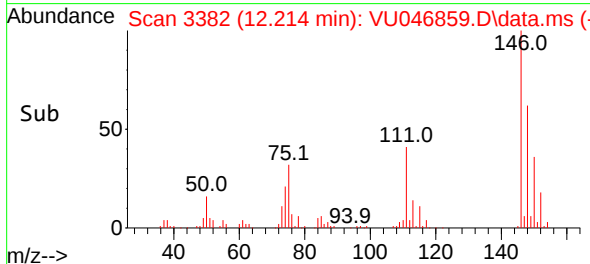
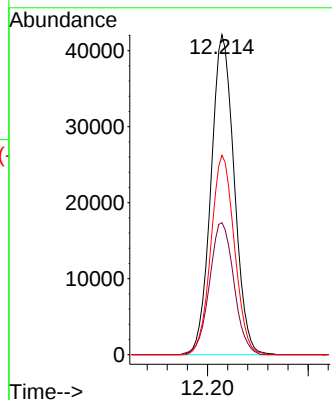
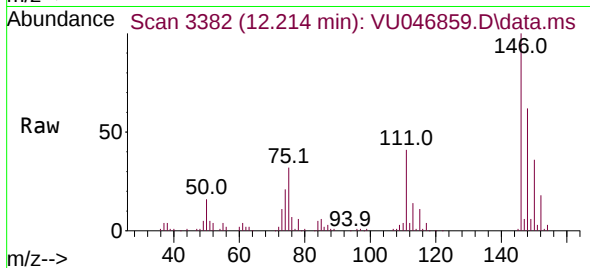
Tgt Ion:146 Resp: 67500

Ion Ratio Lower Upper

146 100

111 41.3 35.4 53.0

148 62.3 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.660 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

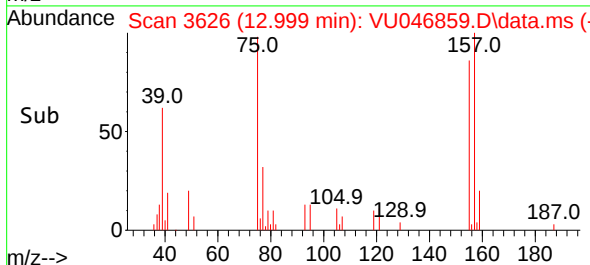
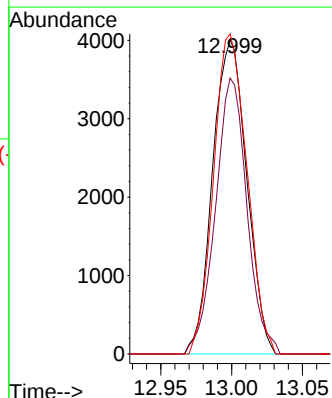
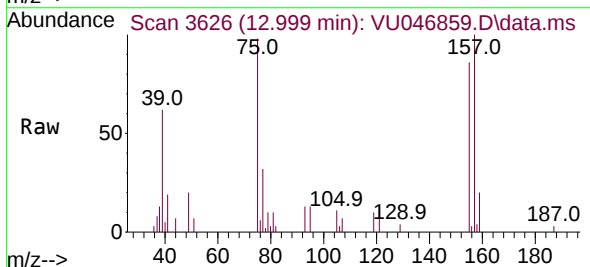
Tgt Ion: 75 Resp: 6695

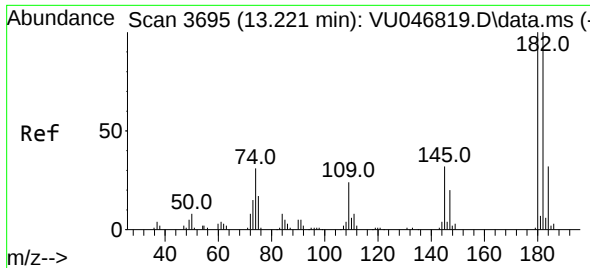
Ion Ratio Lower Upper

75 100

155 87.9 59.2 88.8

157 102.0 76.5 114.7

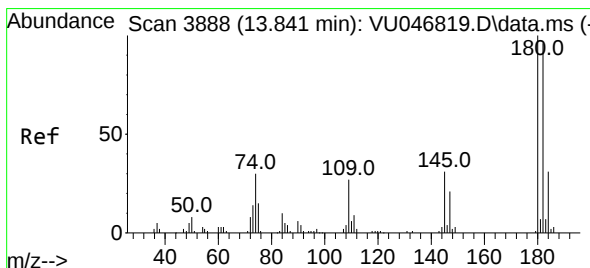
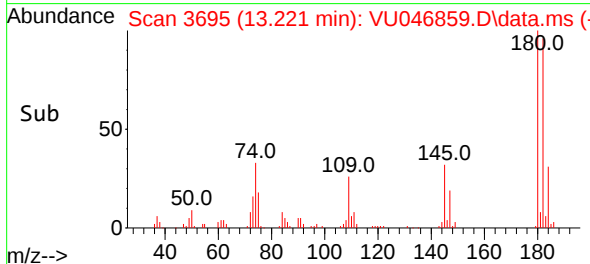
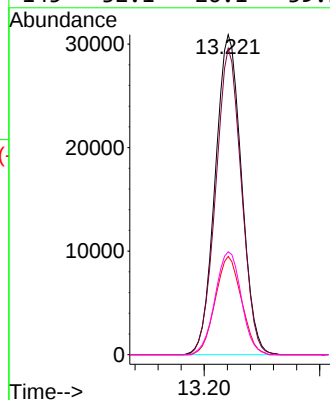
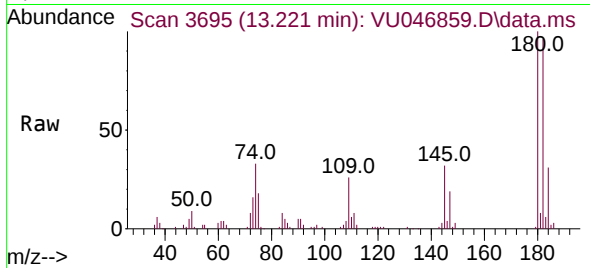




#69
 1,3,5-Trichlorobenzene
 Concen: 3.944 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046859.D
 Acq: 27 Jan 2022 09:31

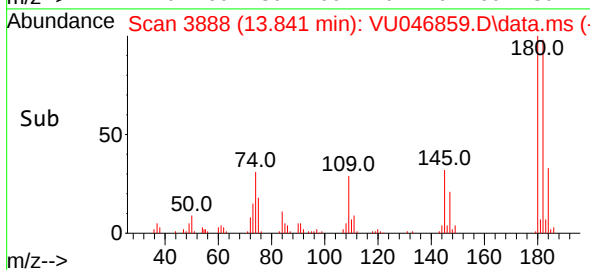
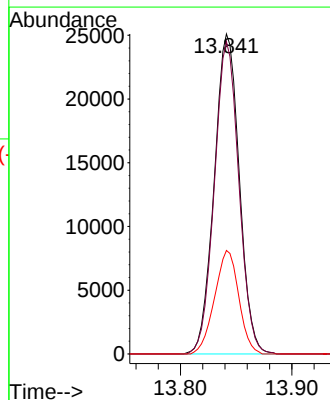
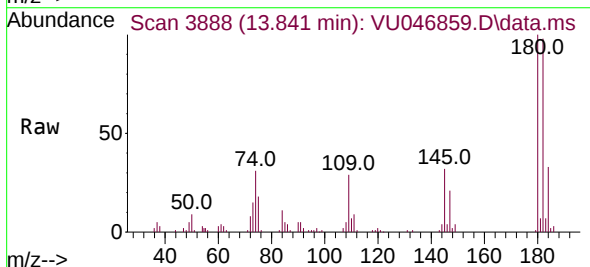
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

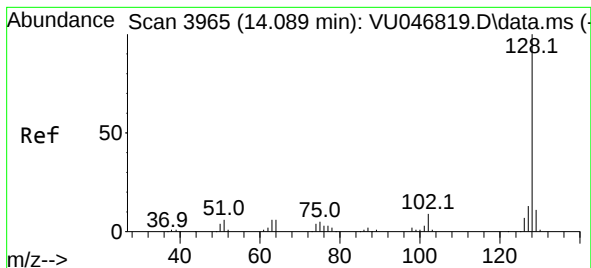
Tgt Ion:	180	Resp:	48694
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.1	114.1
184	30.7	25.0	37.4
145	32.1	26.1	39.1



#70
 1,2,4-trichlorobenzene
 Concen: 3.796 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046859.D
 Acq: 27 Jan 2022 09:31

Tgt Ion:	180	Resp:	39187
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.4	114.6
145	31.3	25.6	38.4





#71

Naphthalene

Concen: 3.884 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005174

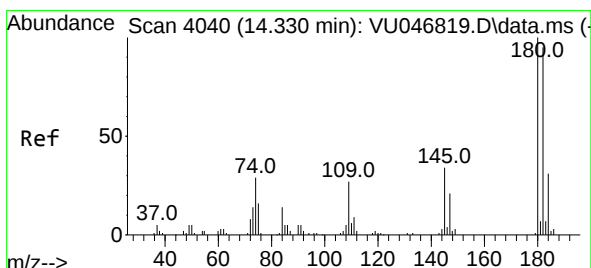
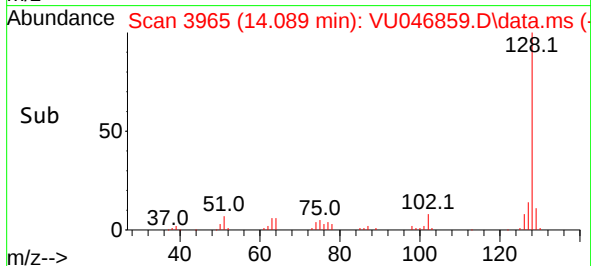
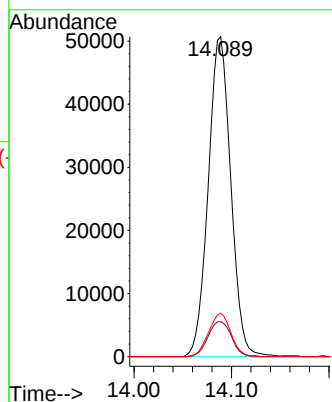
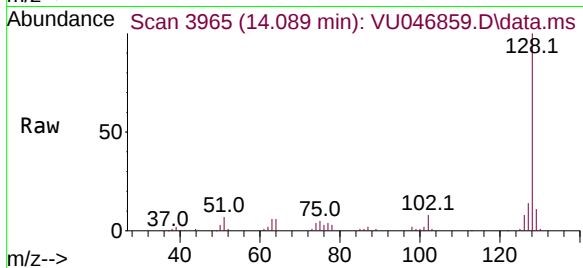
Tgt Ion:128 Resp: 81621

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

127 13.3 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.250 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU046859.D

Acq: 27 Jan 2022 09:31

Tgt Ion:180 Resp: 41443

Ion Ratio Lower Upper

180 100

182 94.0 76.2 114.4

145 32.2 28.4 42.6

