

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046827.D
 Acq On : 21 Jan 2022 17:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005171

Quant Time: Jan 24 00:26:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89932	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95777	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54282	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29138	3.824	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.919	69	26663	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.572	65	12877	4.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.655	46	129736	57.467	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.940%
24) Chloroform-d	5.067	84	63276	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.703	65	35894	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	122553	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.694	67	38846	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.899	98	106854	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.182	79	16370	4.410	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.639	63	118124	53.748	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43601	5.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	43792	4.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	51747	6.117	ug/L	98
3) Chloromethane	1.523	50	43159	6.195	ug/L	99
5) Vinyl chloride	1.607	62	42886	5.913	ug/L	99
6) Bromomethane	1.864	94	25426	5.603	ug/L	95
8) Chloroethane	1.941	64	25183	6.032	ug/L	100
9) Trichlorofluoromethane	2.144	101	54837	6.205	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30935	5.887	ug/L	96
12) 1,1-Dichloroethene	2.584	96	29294	5.834	ug/L	86
13) Acetone	2.681	43	23142	18.847	ug/L #	1
14) Carbon disulfide	2.800	76	91354	5.539	ug/L	99
15) Methyl Acetate	2.970	43	15224	5.676	ug/L #	89
16) Methylene chloride	3.051	84	39667	6.541	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	82917	5.885	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	31313	5.757	ug/L	94
19) 1,1-Dichloroethane	3.874	63	54749	5.996	ug/L	99
21) 2-Butanone	4.739	43	115686	58.584	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	34751	6.057	ug/L	93
23) Bromochloromethane	4.980	128	16933	5.999	ug/L	91
25) Chloroform	5.092	83	60138	4.149	ug/L	95

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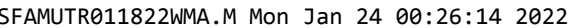
Instrument :
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 ClientSampleId :
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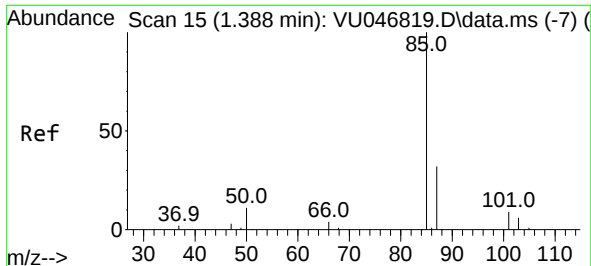
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	40644	6.354	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	50283	5.829	ug/L	98
30) Cyclohexane	5.395	56	48111	5.498	ug/L	94
31) Carbon tetrachloride	5.526	117	42172	5.697	ug/L	100
33) Benzene	5.777	78	130256	5.777	ug/L	100
34) Trichloroethene	6.546	95	33160	5.664	ug/L	98
35) Methylcyclohexane	6.768	83	53871	5.493	ug/L	95
37) 1,2-Dichloropropane	6.793	63	33172	5.997	ug/L	99
38) Bromodichloromethane	7.108	83	43553	5.471	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	48570	5.628	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	255030	62.887	ug/L	96
42) Toluene	7.970	91	148893	5.524	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	44565	5.796	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	28247	6.002	ug/L	97
47) Tetrachloroethene	8.555	164	26328	5.529	ug/L	92
48) 2-Hexanone	8.690	43	189695	61.970	ug/L	98
49) Dibromochloromethane	8.812	129	31539	5.681	ug/L	98
50) 1,2-Dibromoethane	8.928	107	28599	5.995	ug/L	98
51) Chlorobenzene	9.449	112	88578	5.659	ug/L	96
52) Ethylbenzene	9.571	91	143787	5.611	ug/L	100
53) m,p-Xylene	9.697	106	57590	5.638	ug/L	95
54) o-Xylene	10.102	106	54814	5.536	ug/L	98
55) Styrene	10.115	104	93606	5.779	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	39332	6.215	ug/L	94
59) Bromoform	10.292	173	19098	5.713	ug/L	97
60) Isopropylbenzene	10.484	105	145178	5.741	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28780	6.257	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	114773	5.530	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	120591	5.646	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	69382	5.490	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	68524	5.387	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	68566	5.609	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5864	6.142	ug/L	92
69) 1,3,5-Trichlorobenzene	13.217	180	52836	5.302	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	41339	4.962	ug/L	98
71) Naphthalene	14.086	128	83744	4.938	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	41216	5.238	ug/L	98

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

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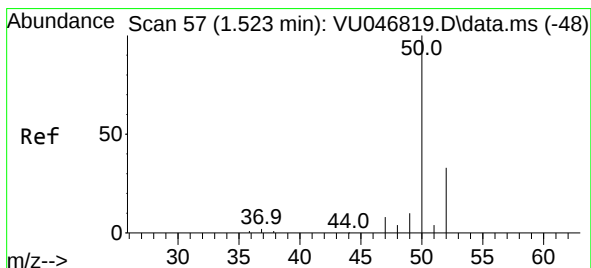
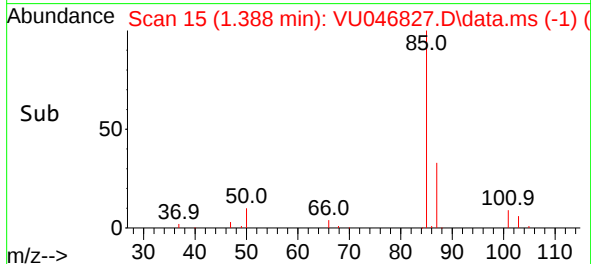
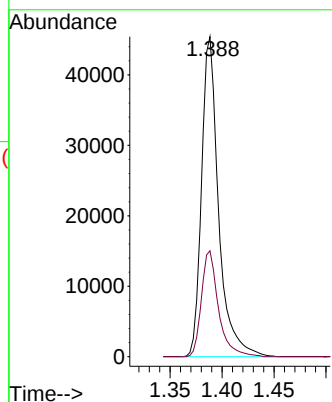
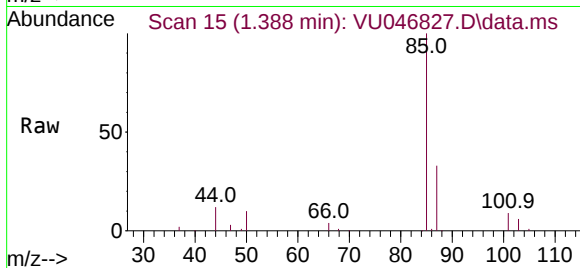




#2
 Dichlorodifluoromethane
 Concen: 6.117 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: VU046827.D
 Acq: 21 Jan 2022 17:03

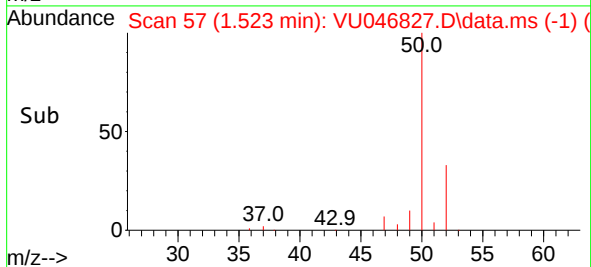
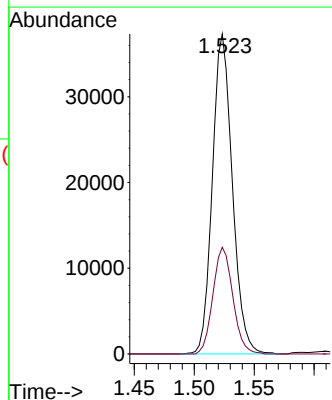
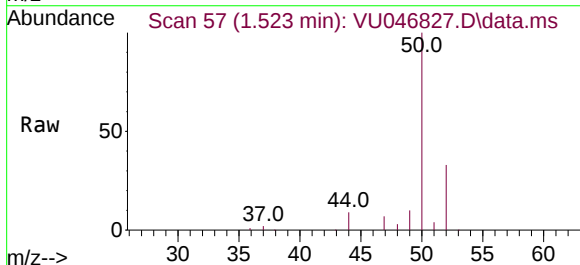
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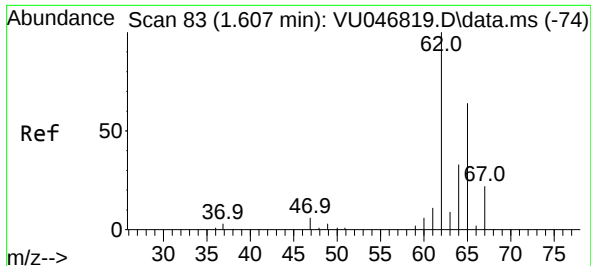
Tgt Ion: 85 Resp: 51747
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.6



#3
 Chloromethane
 Concen: 6.195 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU046827.D
 Acq: 21 Jan 2022 17:03

Tgt Ion: 50 Resp: 43159
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.8

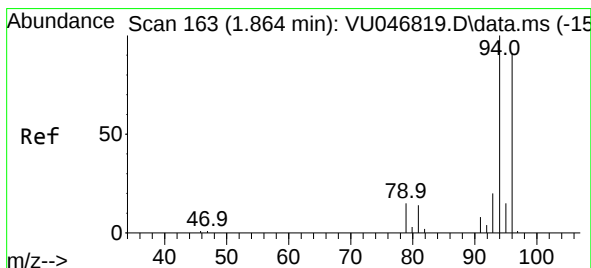
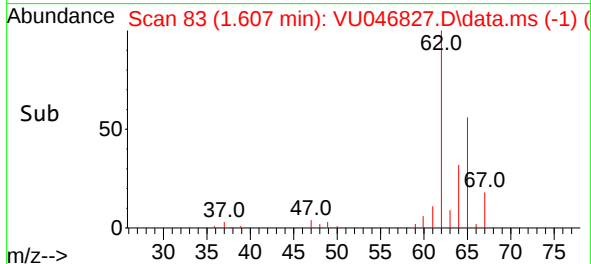
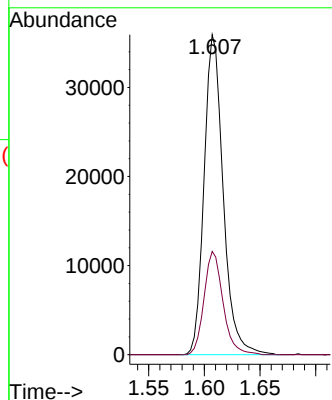
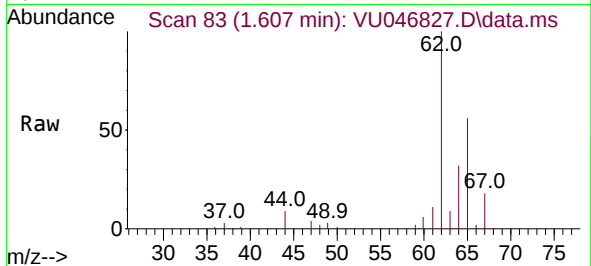




#5
 Vinyl chloride
 Concen: 5.913 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046827.D
 Acq: 21 Jan 2022 17:03

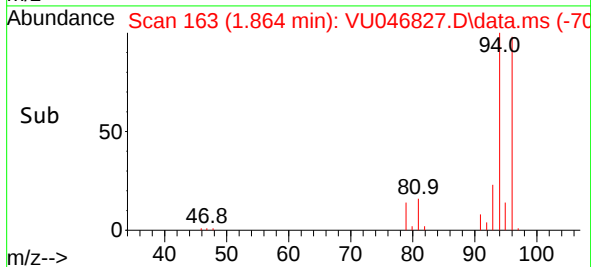
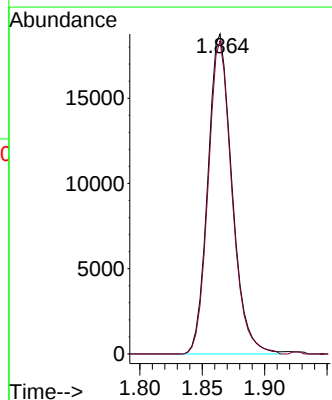
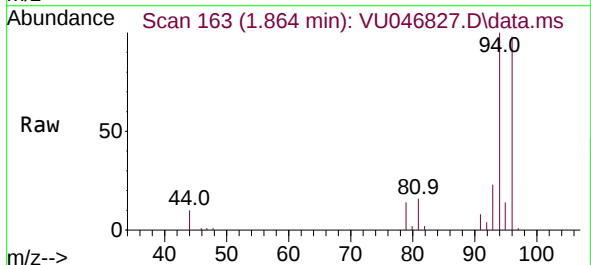
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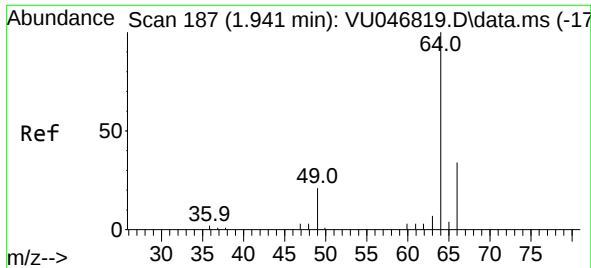
Tgt Ion: 62 Resp: 42886
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.9 42.5



#6
 Bromomethane
 Concen: 5.603 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046827.D
 Acq: 21 Jan 2022 17:03

Tgt Ion: 94 Resp: 25426
 Ion Ratio Lower Upper
 94 100
 96 97.9 65.5 121.6

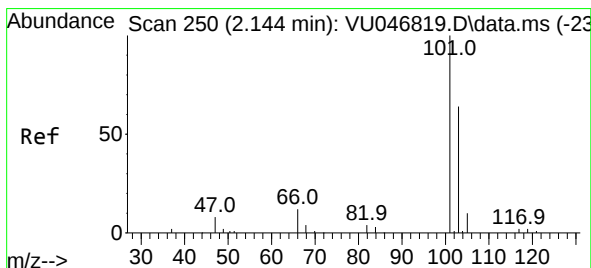
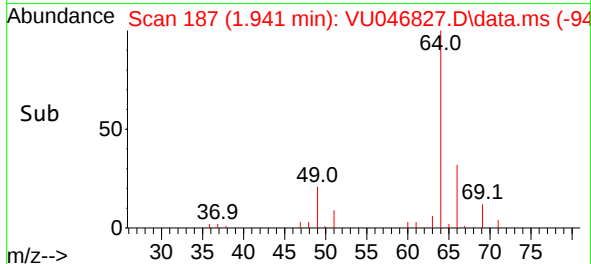
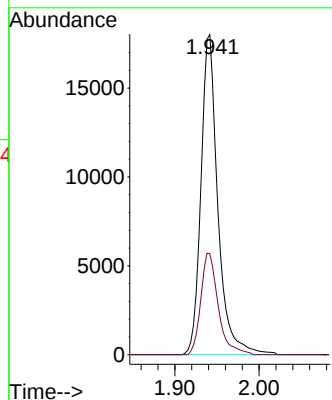
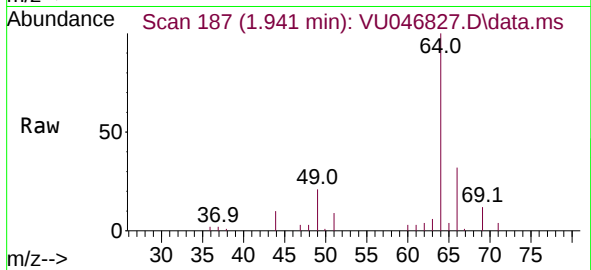




#8
Chloroethane
Concen: 6.032 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

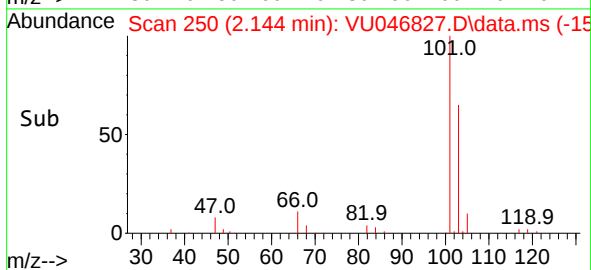
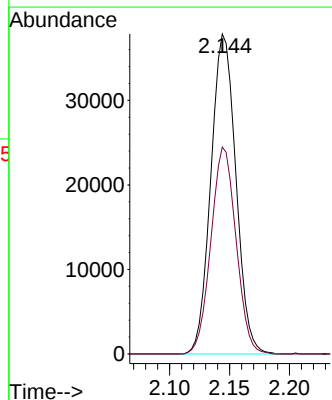
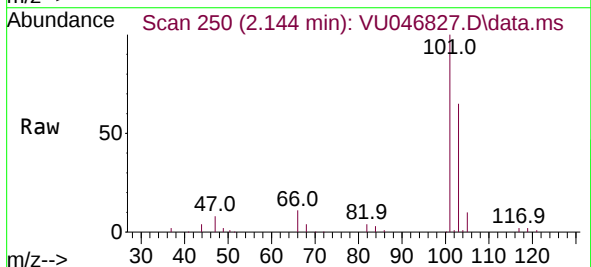
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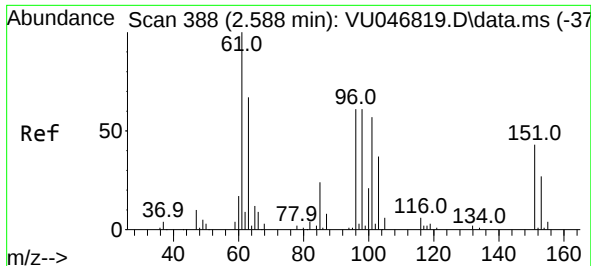
Tgt Ion: 64 Resp: 25183
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.205 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion:101 Resp: 54837
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

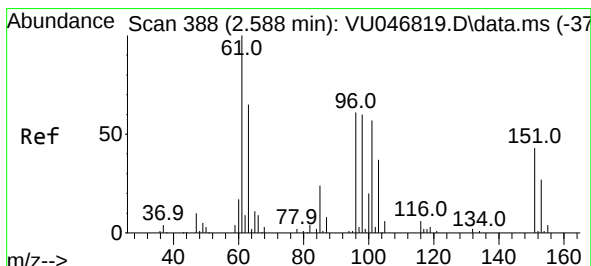
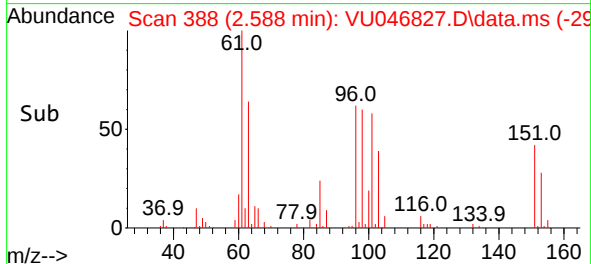
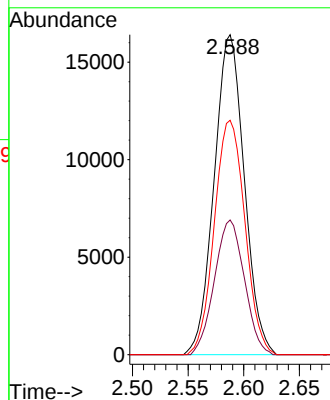
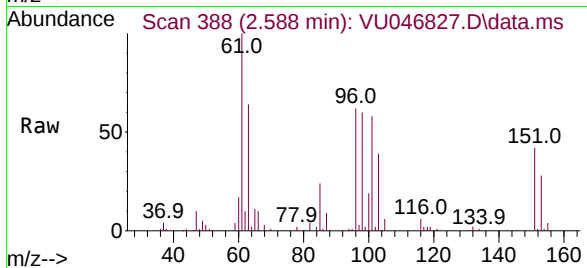




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.887 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

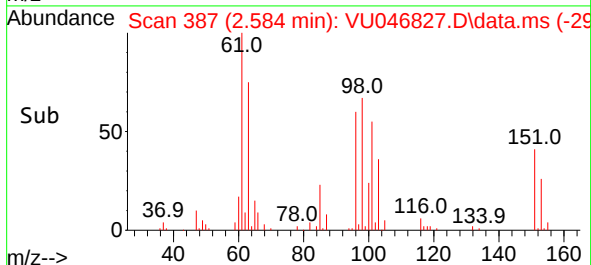
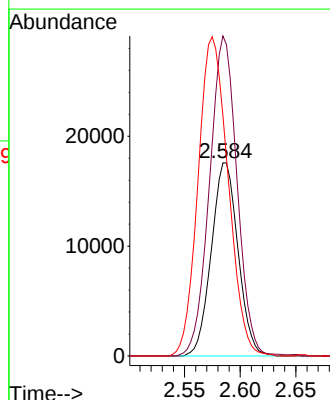
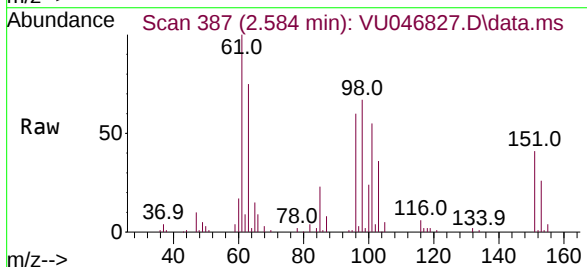
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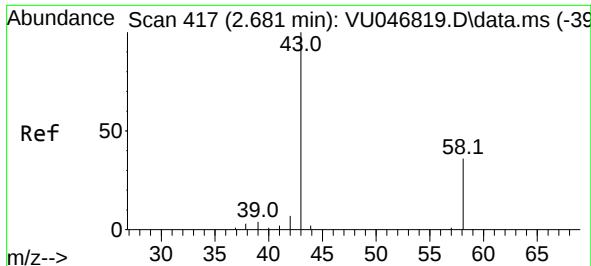
Tgt Ion:101 Resp: 30935
Ion Ratio Lower Upper
101 100
85 41.7 34.6 51.8
151 74.2 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.834 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion: 96 Resp: 29294
Ion Ratio Lower Upper
96 100
61 165.7 124.7 231.5
63 124.5 105.2 195.4





#13

Acetone

Concen: 18.847 ug/L

RT: 2.681 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

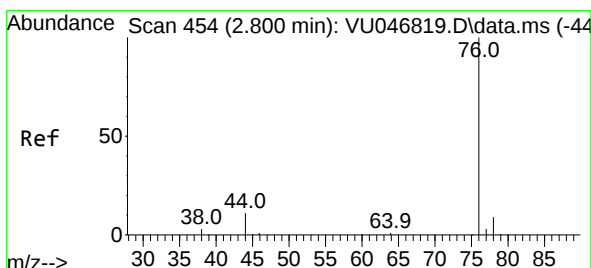
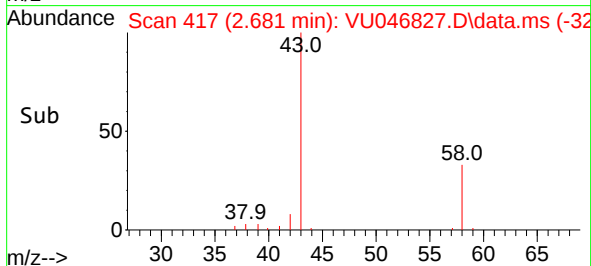
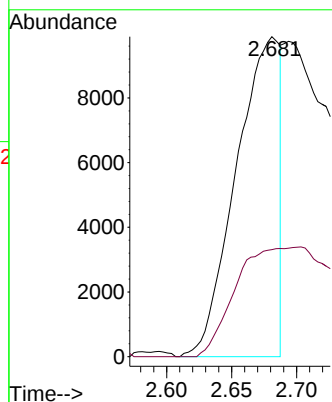
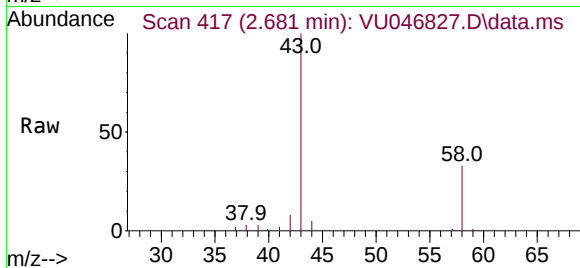
VSTD005171

Tgt Ion: 43 Resp: 23142

Ion Ratio Lower Upper

43 100

58 107.0 0.0 71.6#



#14

Carbon disulfide

Concen: 5.539 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046827.D

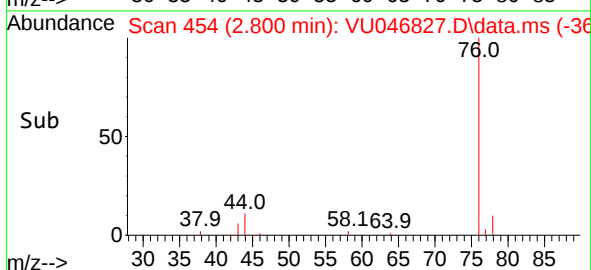
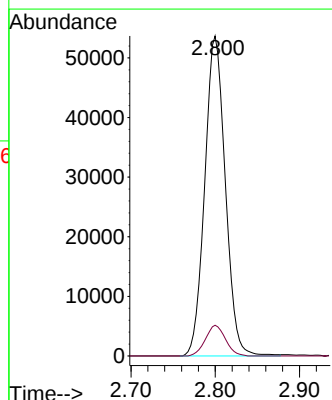
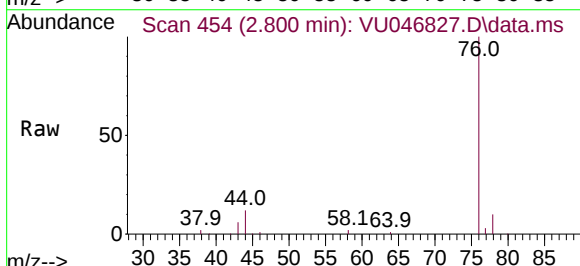
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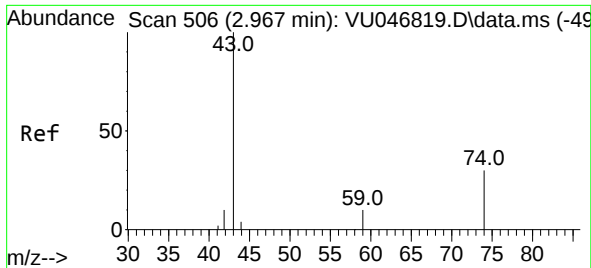
Tgt Ion: 76 Resp: 91354

Ion Ratio Lower Upper

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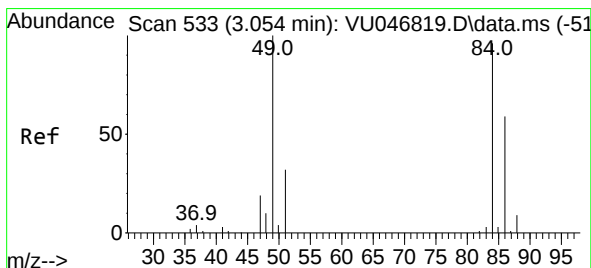
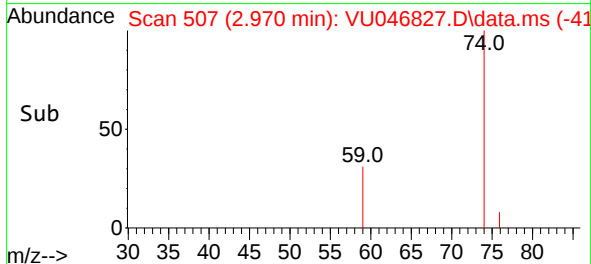
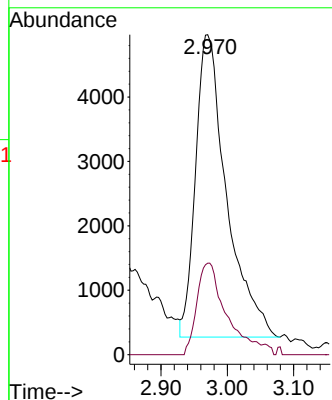
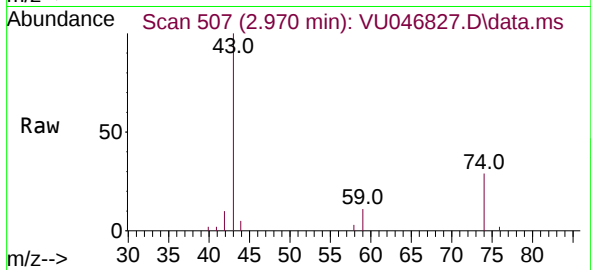




#15
Methyl Acetate
Concen: 5.676 ug/L
RT: 2.970 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

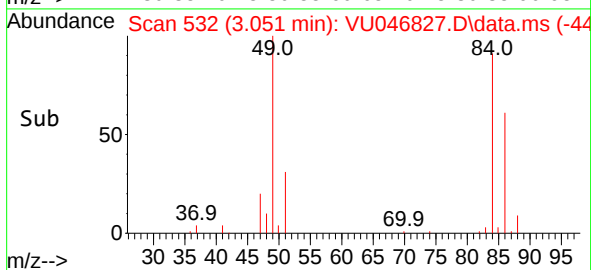
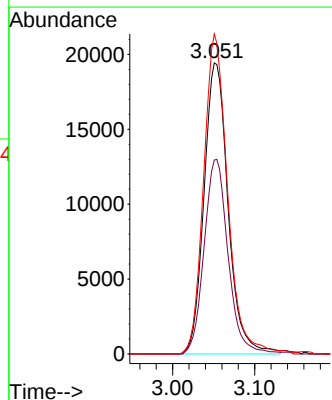
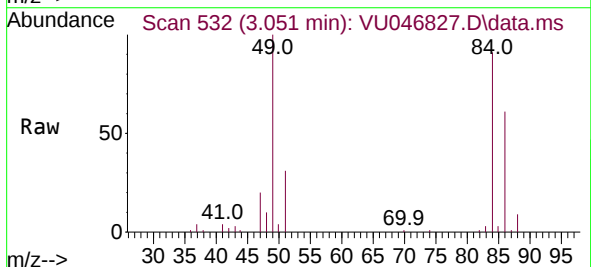
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

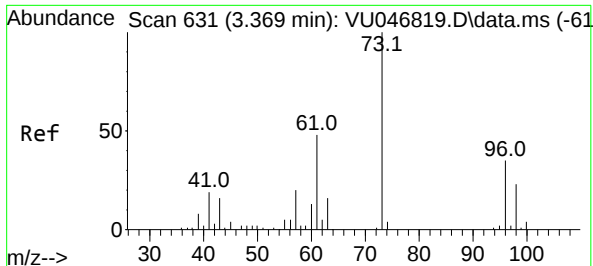
Tgt Ion: 43 Resp: 15224
Ion Ratio Lower Upper
43 100
74 29.5 19.1 28.7#



#16
Methylene chloride
Concen: 6.541 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion: 84 Resp: 39667
Ion Ratio Lower Upper
84 100
86 66.6 45.8 85.0
49 110.0 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.885 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005171

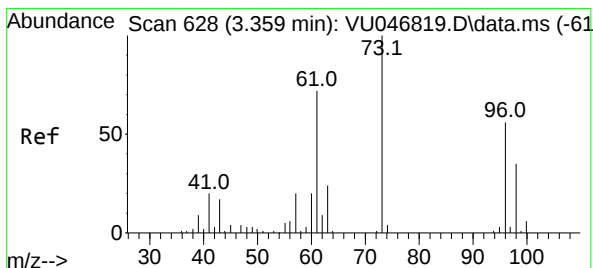
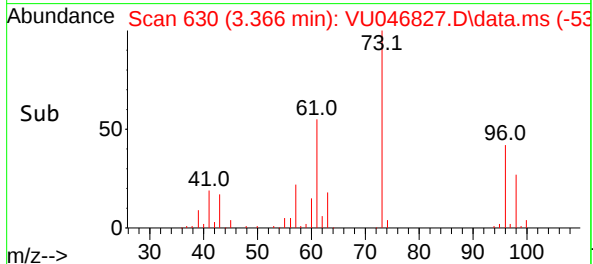
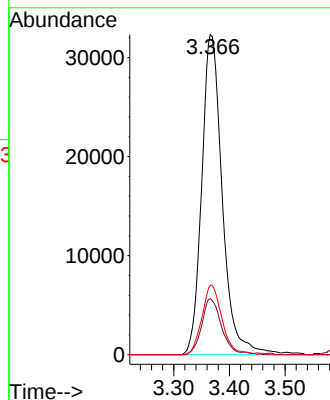
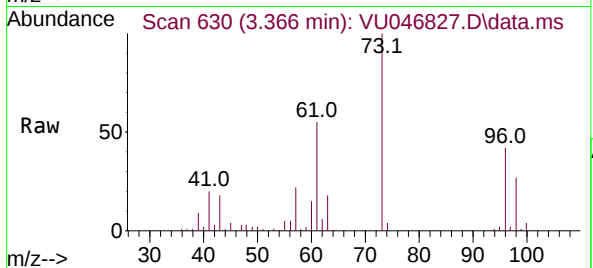
Tgt Ion: 73 Resp: 82917

Ion Ratio Lower Upper

73 100

43 16.6 14.8 22.2

57 21.2 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.757 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

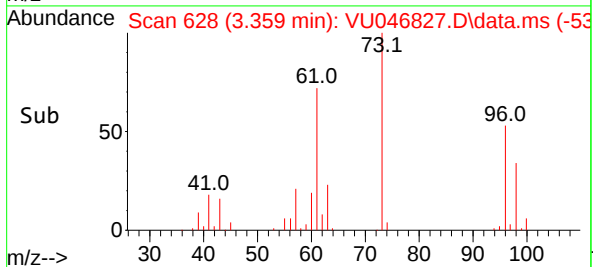
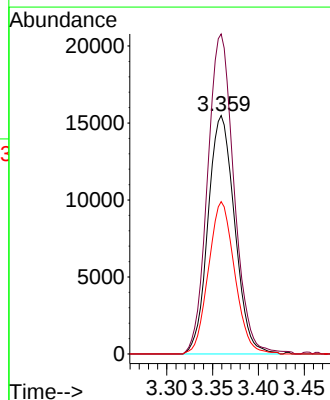
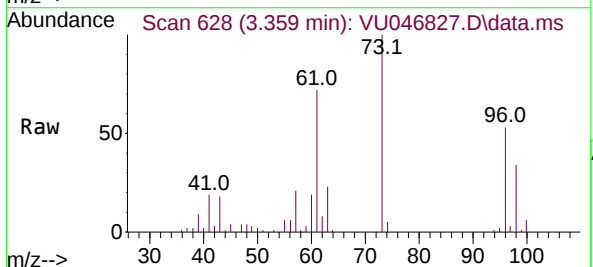
Tgt Ion: 96 Resp: 31313

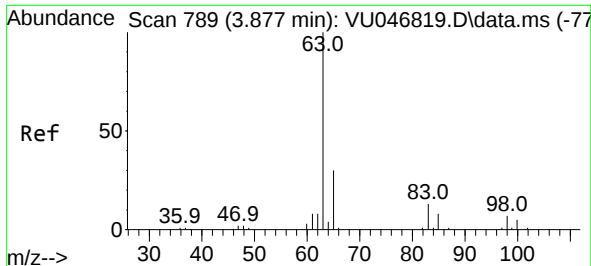
Ion Ratio Lower Upper

96 100

61 134.2 100.8 187.2

98 63.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.996 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005171

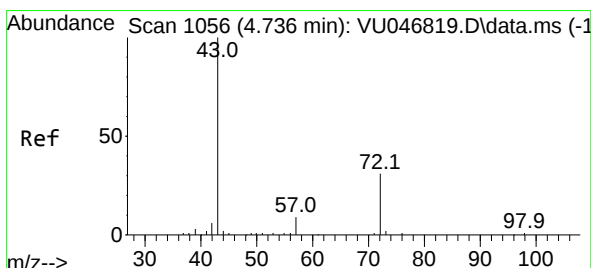
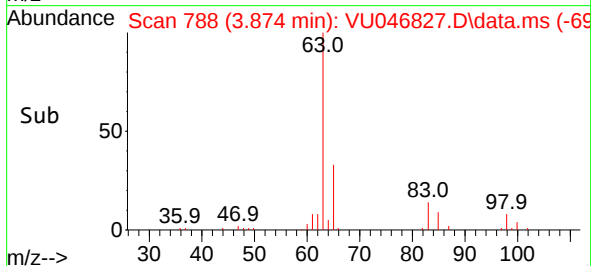
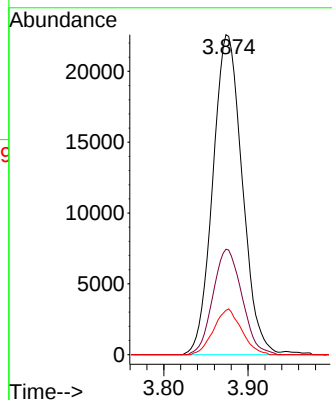
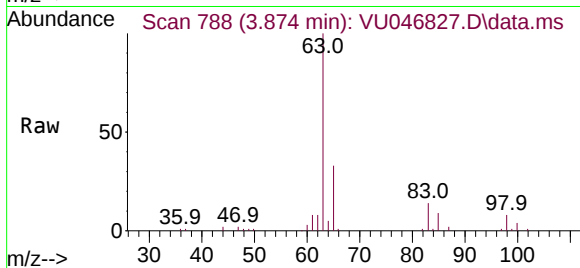
Tgt Ion: 63 Resp: 54749

Ion Ratio Lower Upper

63 100

65 32.9 22.3 41.5

83 13.9 9.6 17.8



#21

2-Butanone

Concen: 58.584 ug/L

RT: 4.739 min Scan# 1057

Delta R.T. 0.003 min

Lab File: VU046827.D

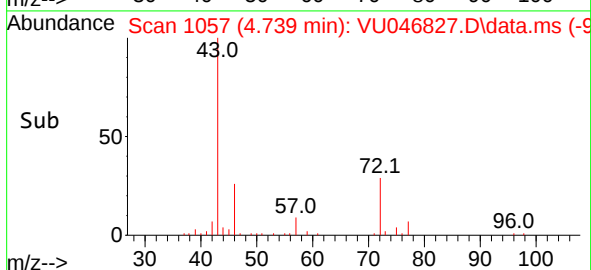
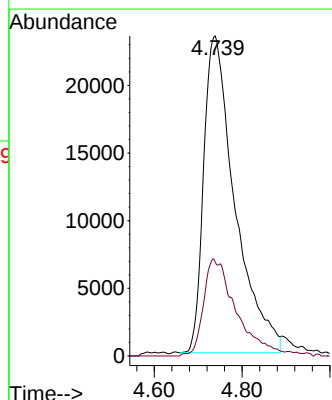
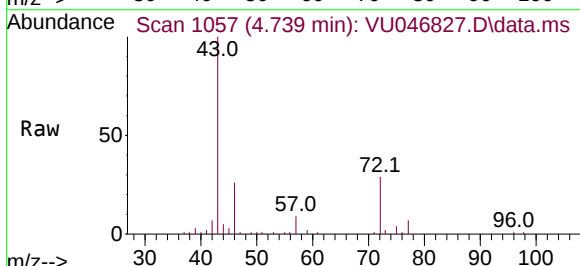
Acq: 21 Jan 2022 17:03

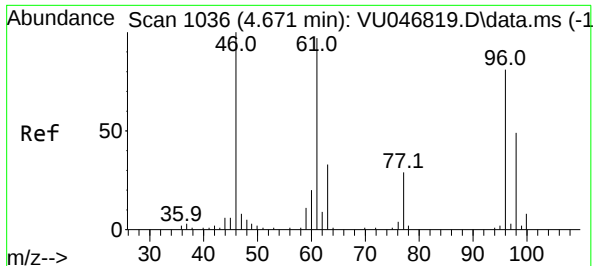
Tgt Ion: 43 Resp: 115686

Ion Ratio Lower Upper

43 100

72 31.8 14.1 42.3

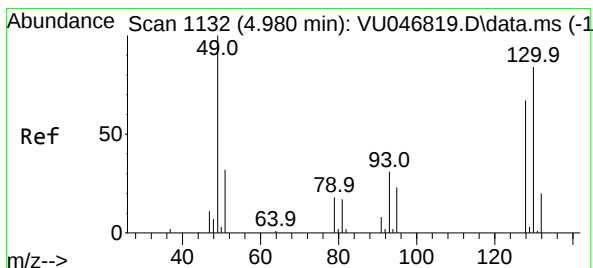
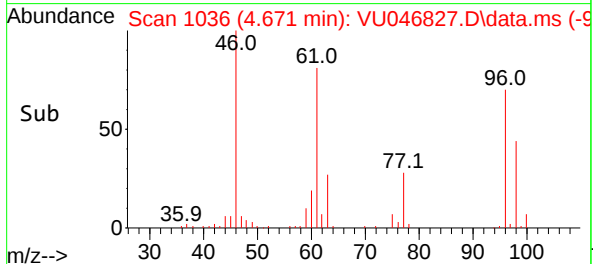
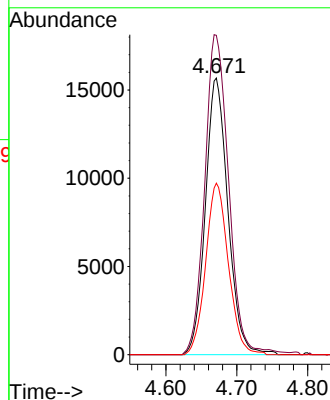
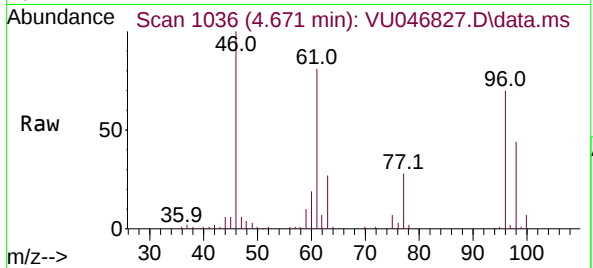




#22
cis-1,2-Dichloroethene
Concen: 6.057 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

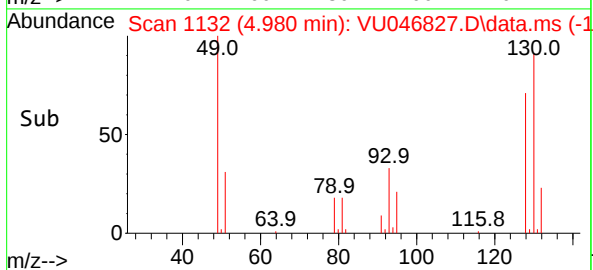
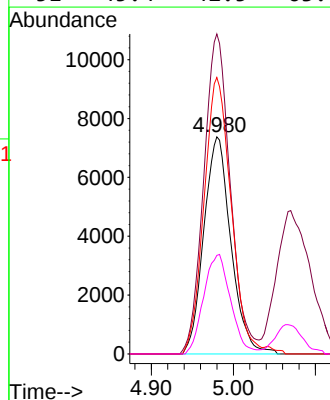
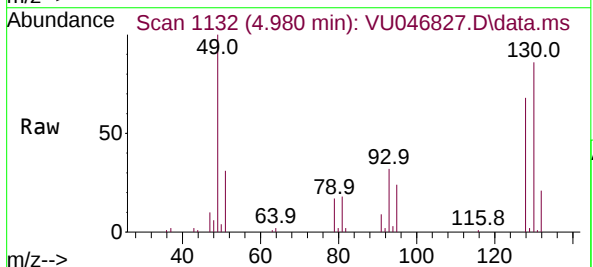
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

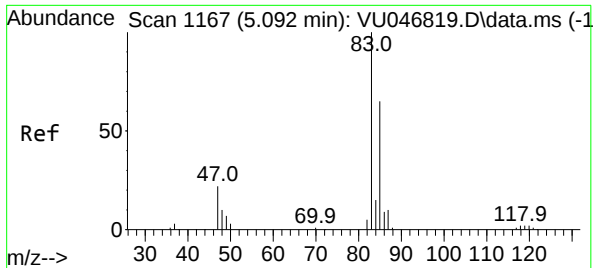
Tgt Ion: 96	Resp:	34751	
Ion	Ratio	Lower	Upper
96	100		
61	115.5	88.5	164.3
98	62.0	44.4	82.5



#23
Bromochloromethane
Concen: 5.999 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt	Ion:128	Resp:	16933
Ion	Ratio	Lower	Upper
128	100		
49	147.4	117.0	217.2
130	127.4	88.2	163.8
51	45.4	42.5	63.7

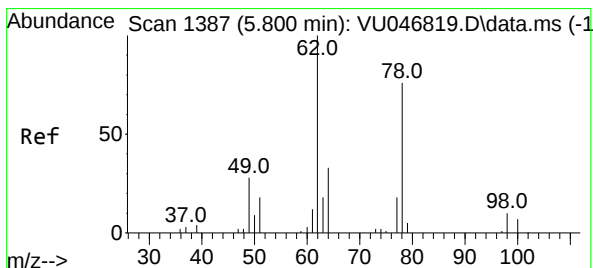
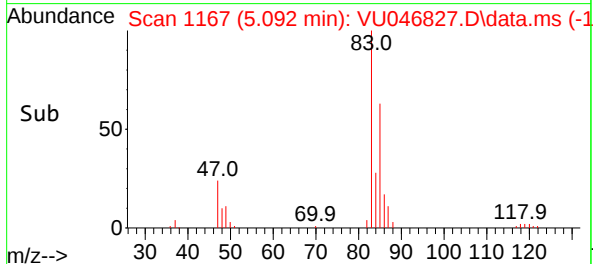
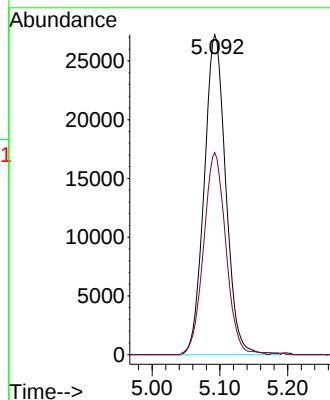
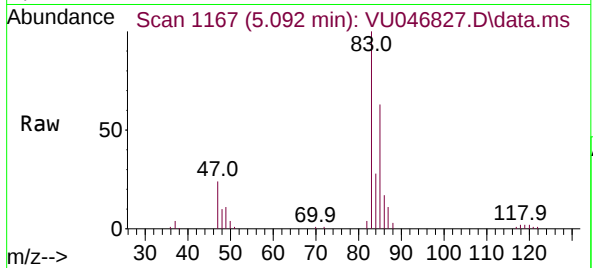




#25
Chloroform
Concen: 4.149 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

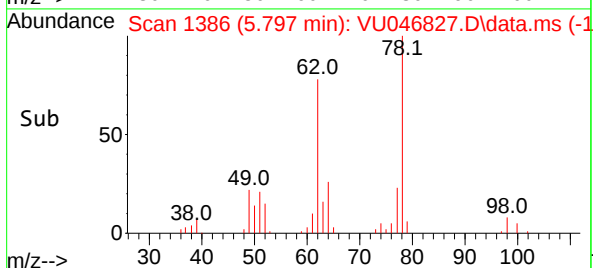
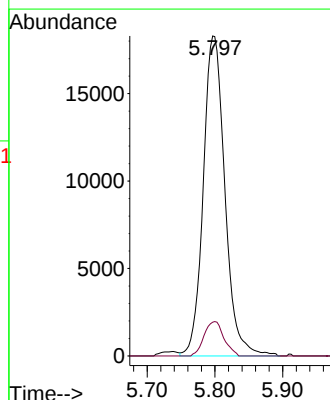
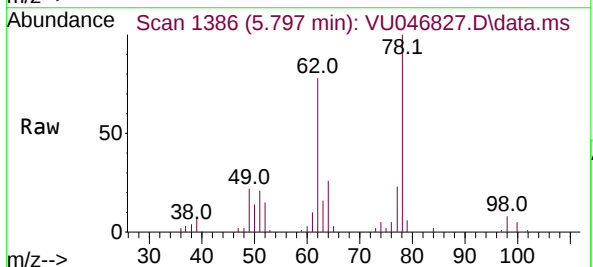
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

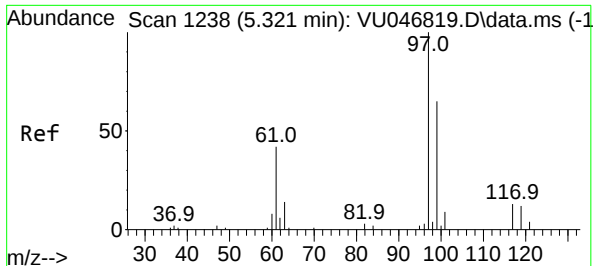
Tgt Ion: 83 Resp: 60138
Ion Ratio Lower Upper
83 100
85 63.2 46.9 87.1



#27
1,2-Dichloroethane
Concen: 6.354 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion: 62 Resp: 40644
Ion Ratio Lower Upper
62 100
98 10.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.829 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005171

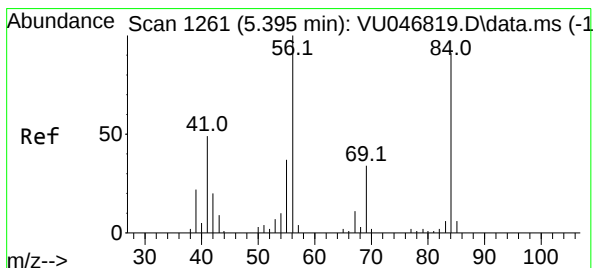
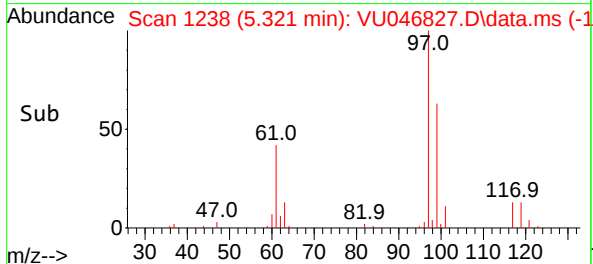
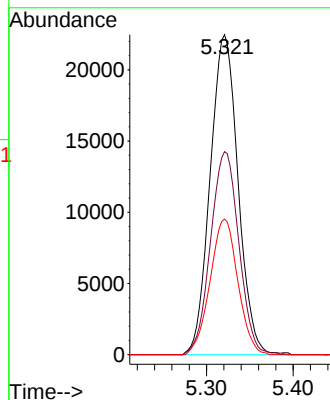
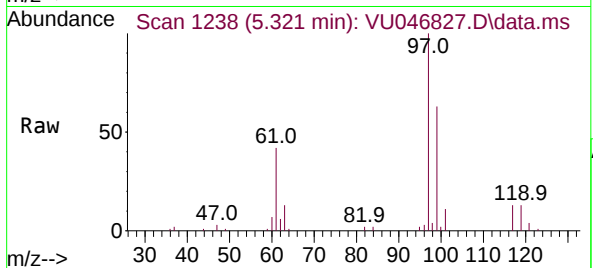
Tgt Ion: 97 Resp: 50283

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 42.3 36.1 54.1



#30

Cyclohexane

Concen: 5.498 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

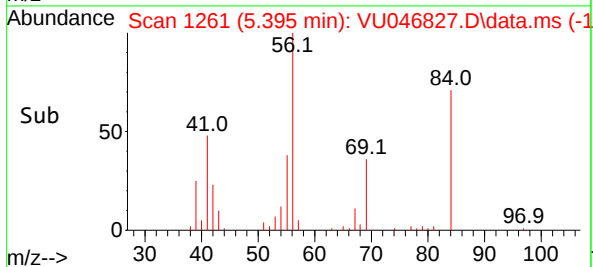
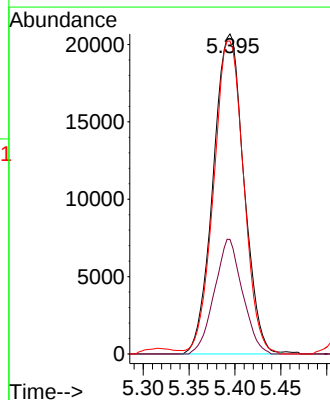
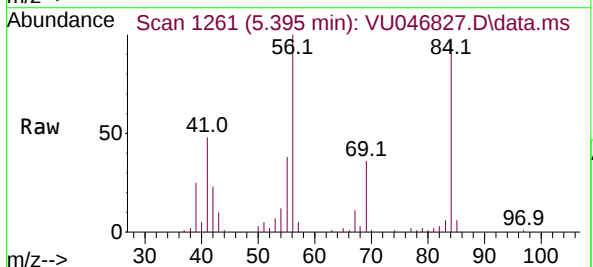
Tgt Ion: 56 Resp: 48111

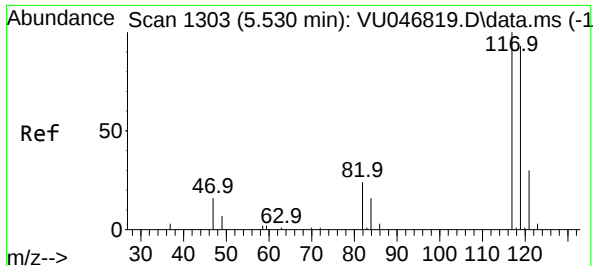
Ion Ratio Lower Upper

56 100

69 32.8 24.7 37.1

84 95.6 71.8 107.6

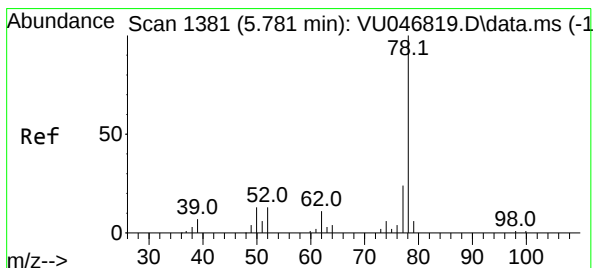
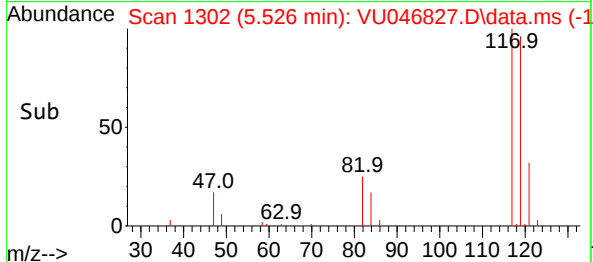
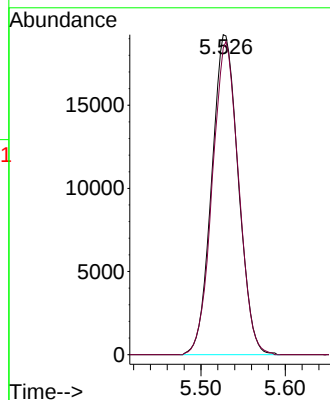
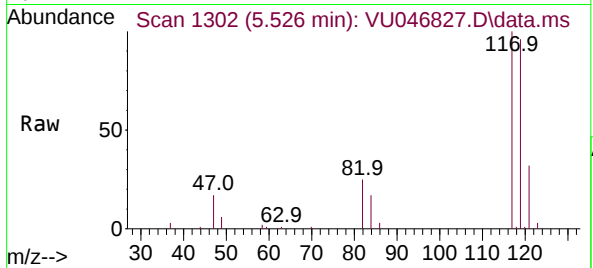




#31
Carbon tetrachloride
Concen: 5.697 ug/L
RT: 5.526 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

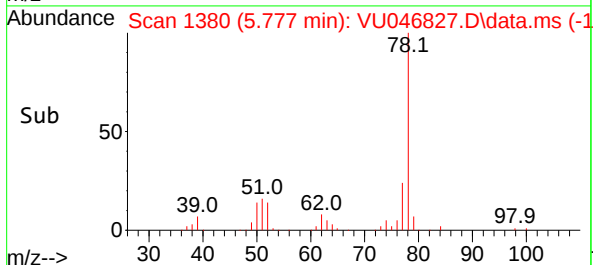
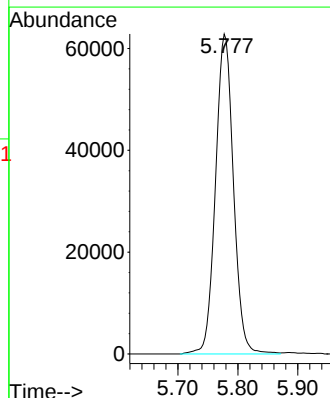
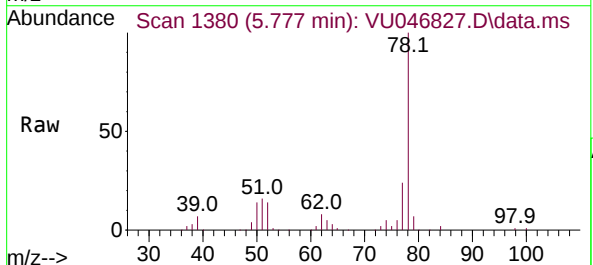
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

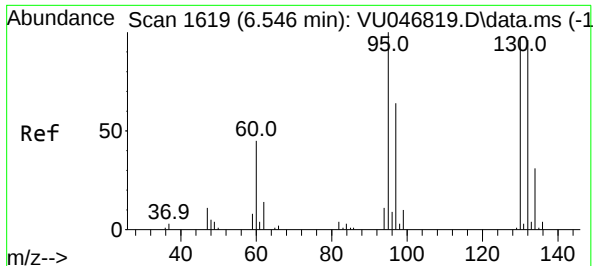
Tgt Ion:117 Resp: 42172
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3



#33
Benzene
Concen: 5.777 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion: 78 Resp: 130256

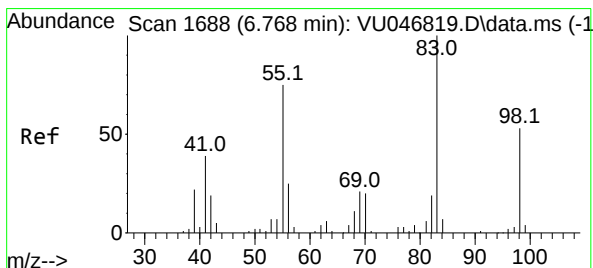
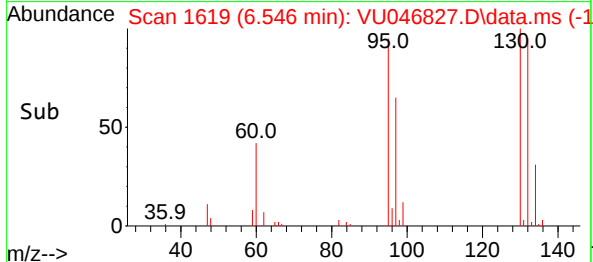
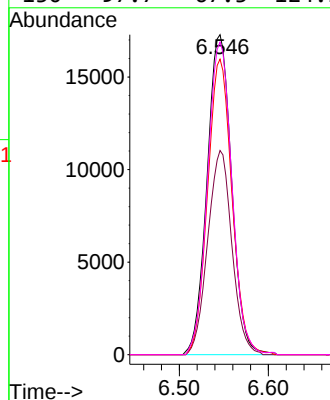
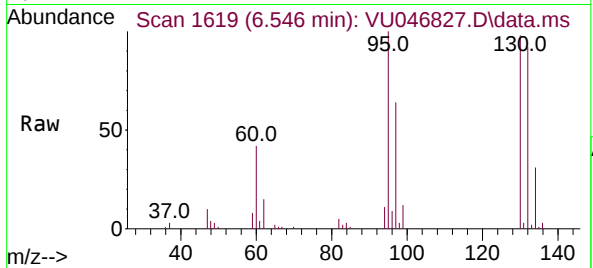




#34
Trichloroethene
Concen: 5.664 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

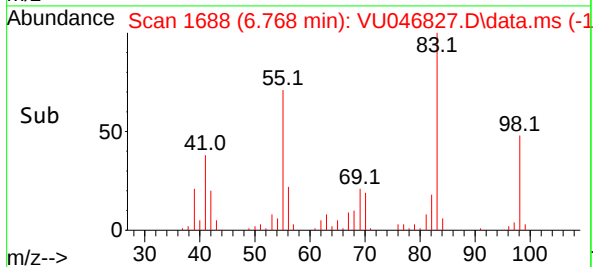
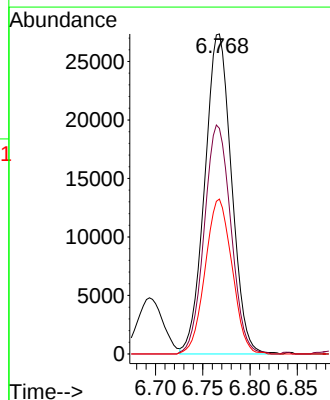
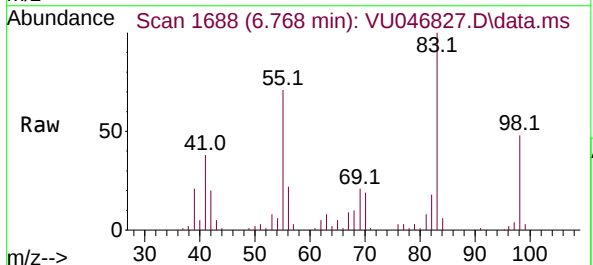
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

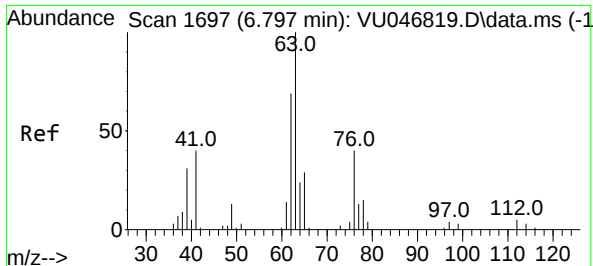
Tgt Ion: 95 Resp: 33160
Ion Ratio Lower Upper
95 100
97 63.8 46.5 86.5
132 92.4 65.1 120.9
130 97.7 67.3 124.9



#35
Methylcyclohexane
Concen: 5.493 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion: 83 Resp: 53871
Ion Ratio Lower Upper
83 100
55 71.3 61.9 92.9
98 48.4 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.997 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

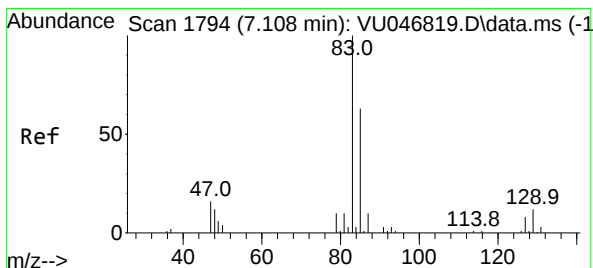
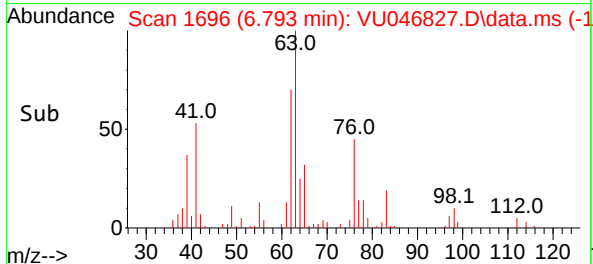
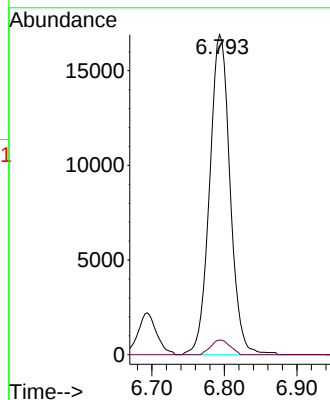
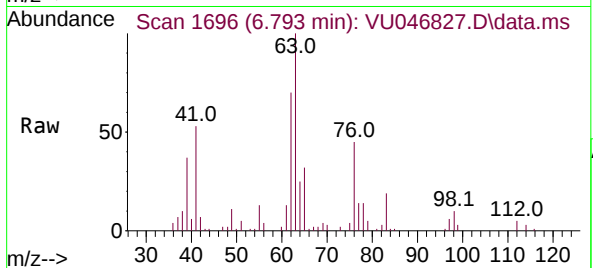
VSTD005171

Tgt Ion: 63 Resp: 33172

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 5.471 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

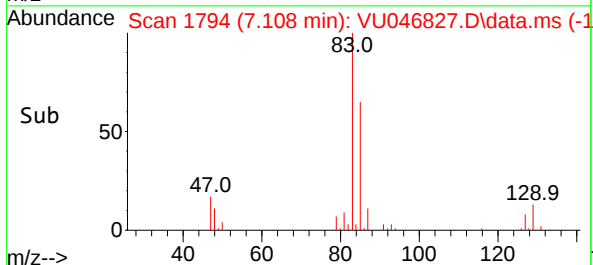
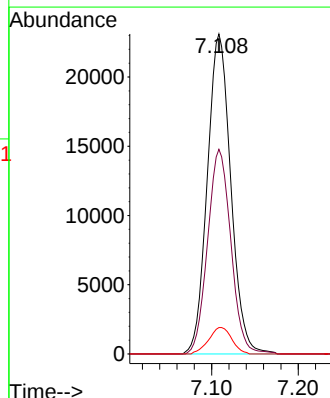
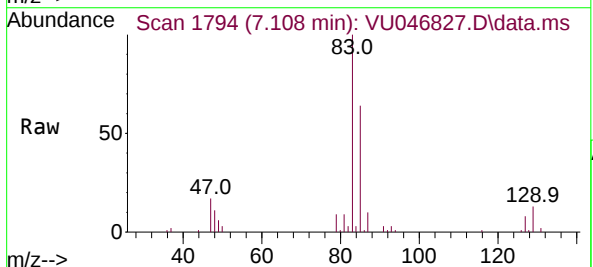
Tgt Ion: 83 Resp: 43553

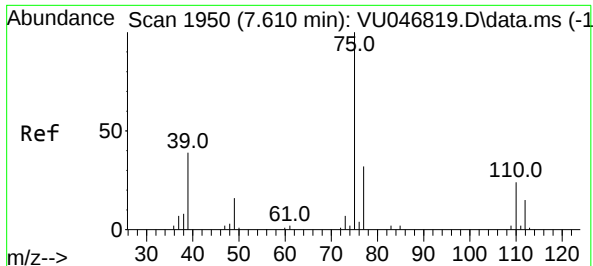
Ion Ratio Lower Upper

83 100

85 64.0 44.0 81.8

127 8.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.628 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

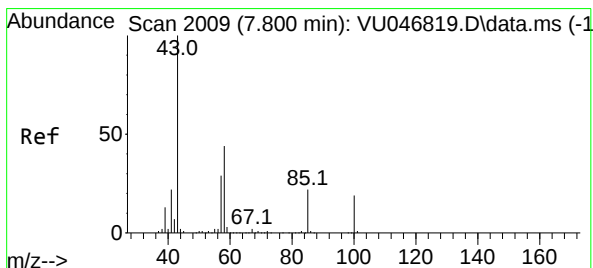
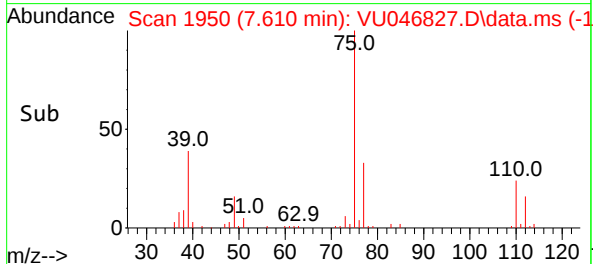
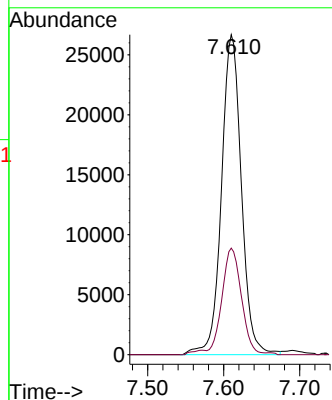
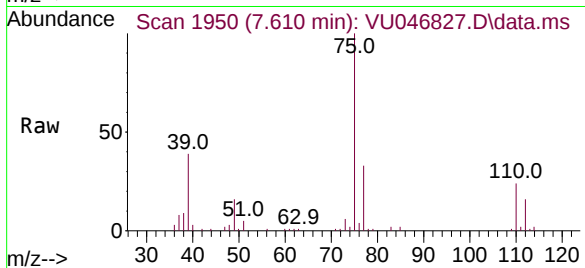
VSTD005171

Tgt Ion: 75 Resp: 48570

Ion Ratio Lower Upper

75 100

77 33.3 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 62.887 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

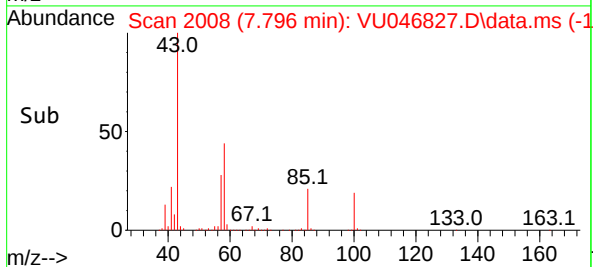
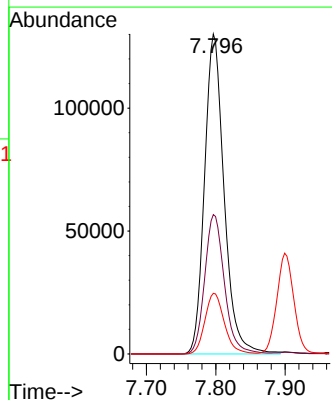
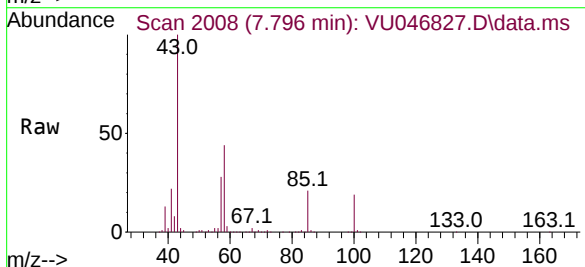
Tgt Ion: 43 Resp: 255030

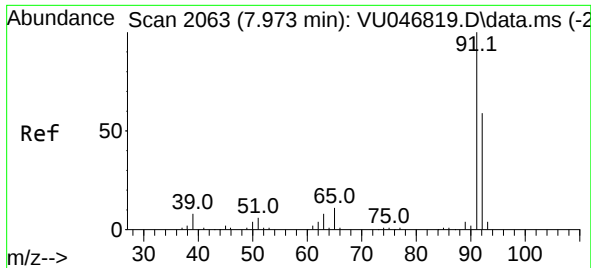
Ion Ratio Lower Upper

43 100

58 43.9 33.1 49.7

100 18.8 13.2 19.8





#42

Toluene

Concen: 5.524 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

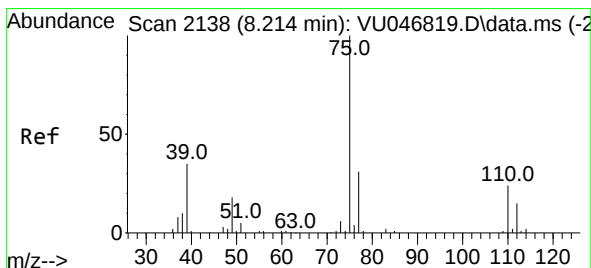
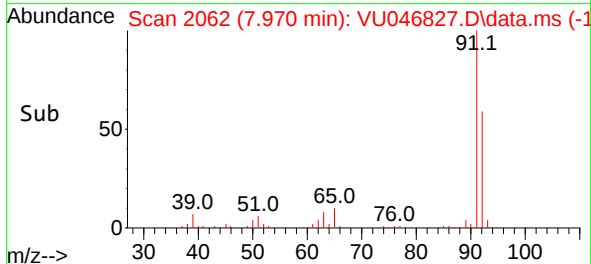
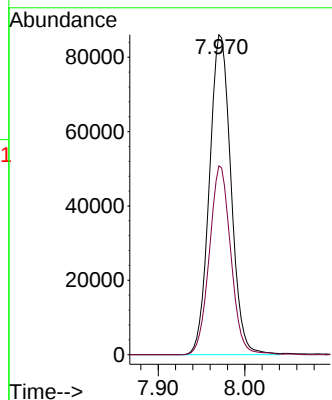
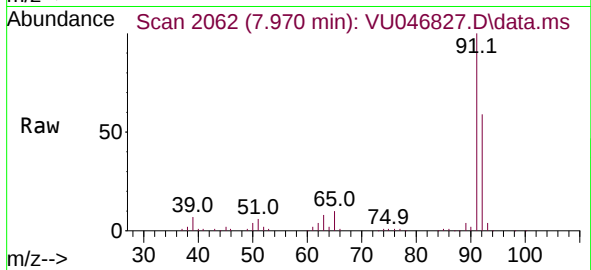
VSTD005171

Tgt Ion: 91 Resp: 148893

Ion Ratio Lower Upper

91 100

92 59.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.796 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046827.D

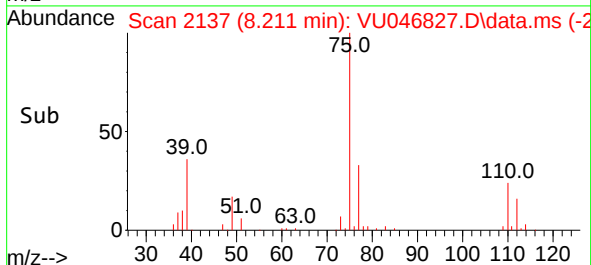
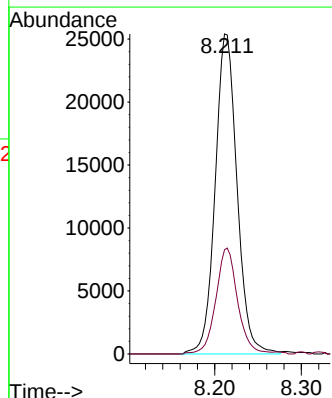
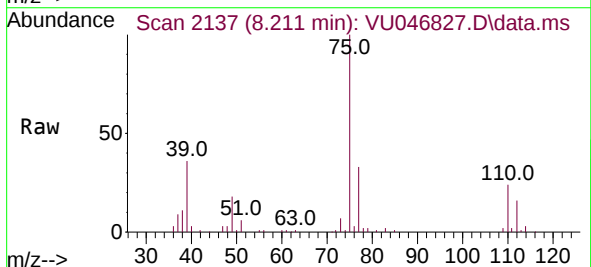
Acq: 21 Jan 2022 17:03

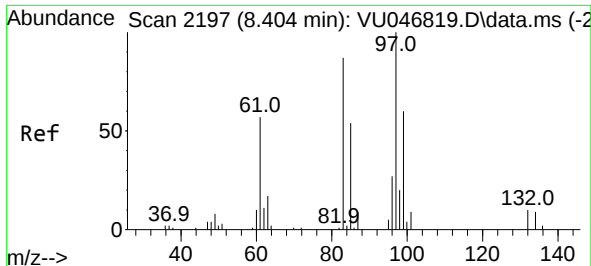
Tgt Ion: 75 Resp: 44565

Ion Ratio Lower Upper

75 100

77 32.6 22.7 42.3

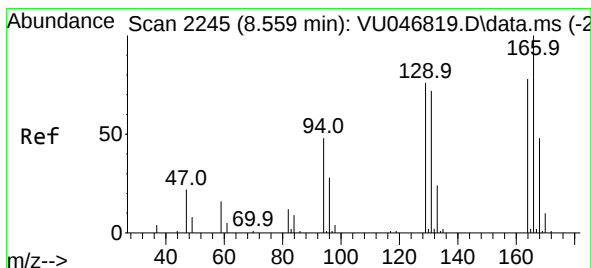
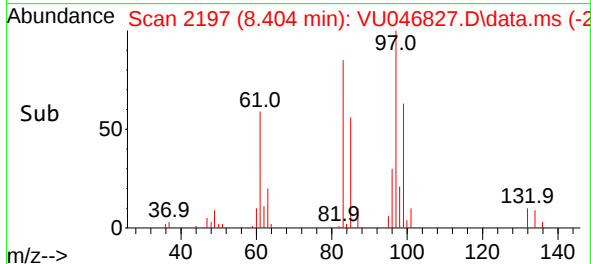
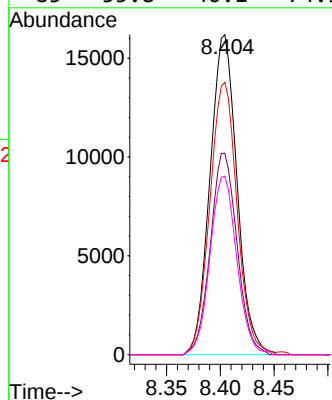
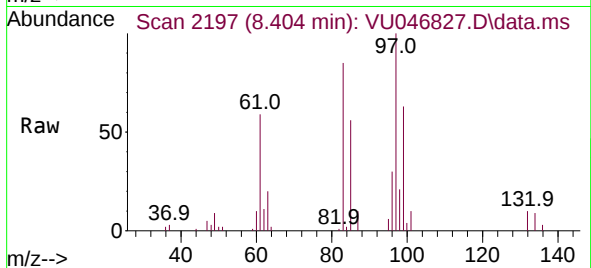




#45
1,1,2-Trichloroethane
Concen: 6.002 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

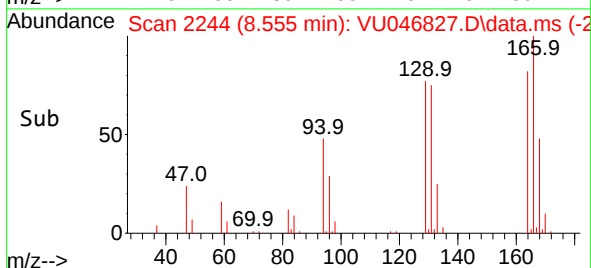
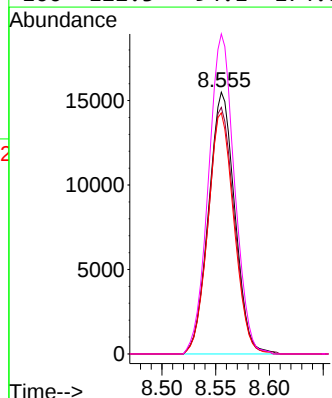
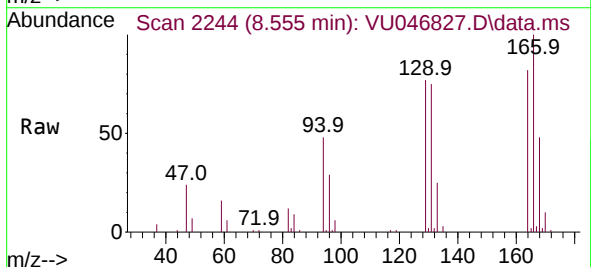
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

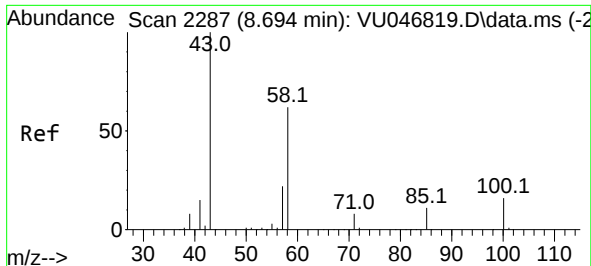
Tgt Ion:	97	Resp:	28247
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.3	78.5
83	85.1	62.0	115.2
85	55.8	40.1	74.5



#47
Tetrachloroethene
Concen: 5.529 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion:	164	Resp:	26328
Ion	Ratio	Lower	Upper
164	100		
129	94.2	71.8	133.4
131	92.1	68.5	127.3
166	122.3	94.1	174.8

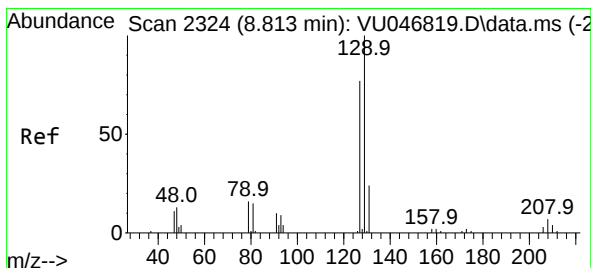
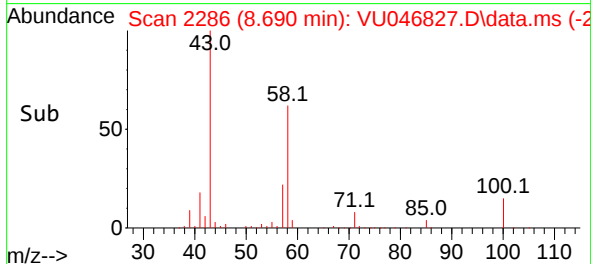
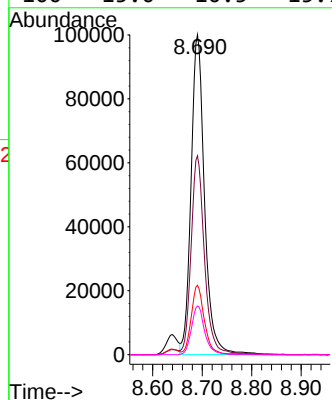
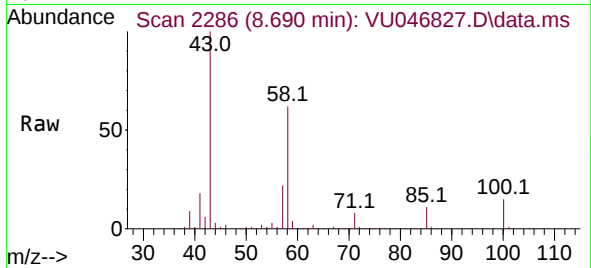




#48
2-Hexanone
Concen: 61.970 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

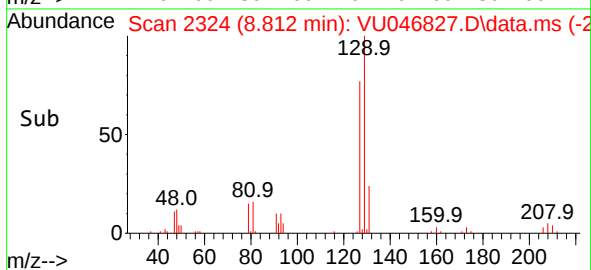
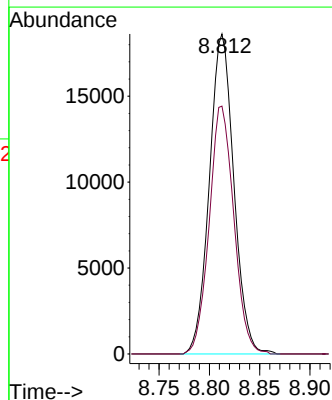
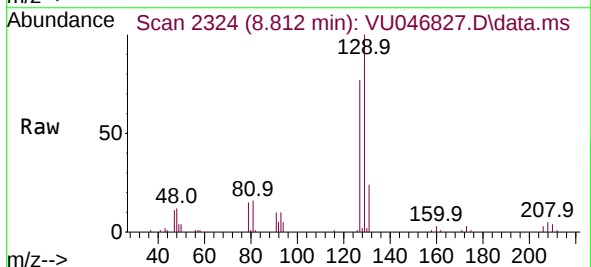
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

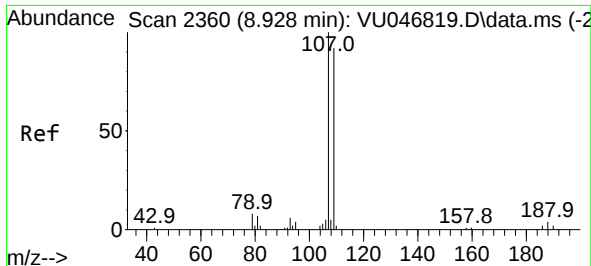
Tgt Ion: 43 Resp: 189695
Ion Ratio Lower Upper
43 100
58 60.4 46.7 70.1
57 20.6 16.3 24.5
100 15.0 10.5 15.7



#49
Dibromochloromethane
Concen: 5.681 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion: 129 Resp: 31539
Ion Ratio Lower Upper
129 100
127 77.4 55.4 102.8

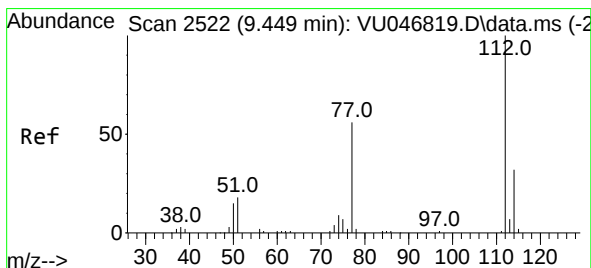
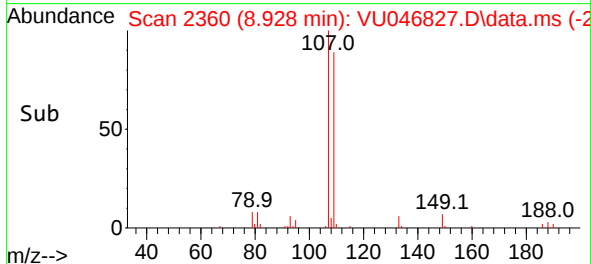
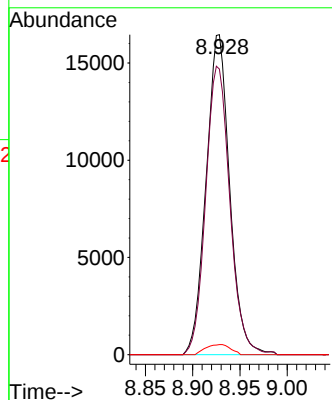
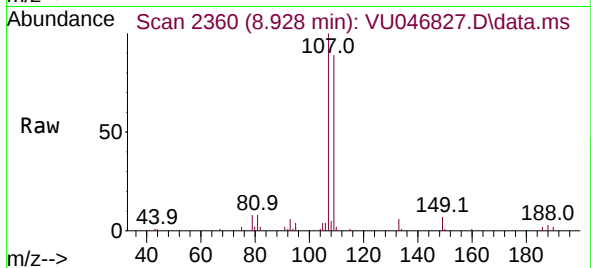




#50
1,2-Dibromoethane
Concen: 5.995 ug/L
RT: 8.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

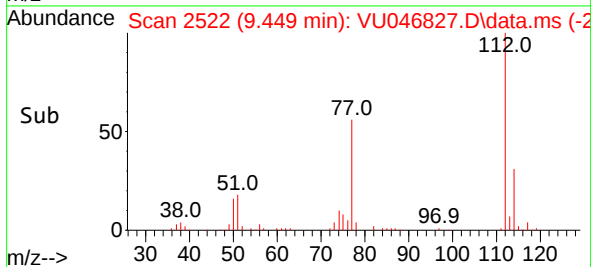
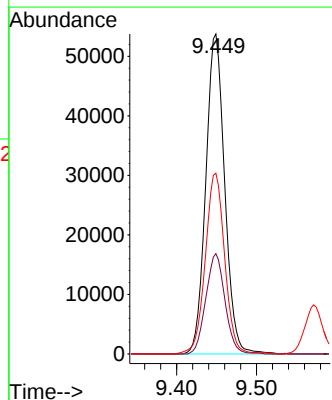
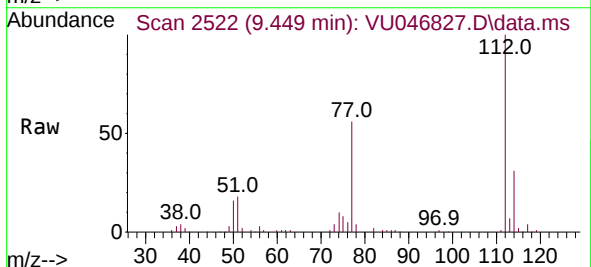
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

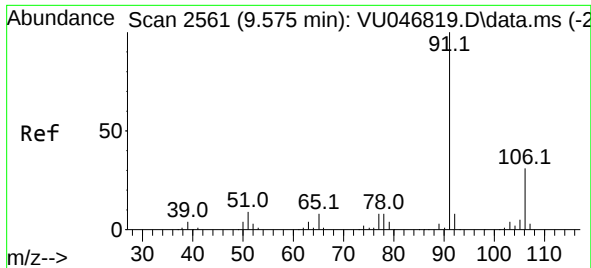
Tgt Ion:	107	Resp:	28599
Ion	Ratio	Lower	Upper
107	100		
109	89.2	64.0	119.0
188	3.1	2.4	3.6



#51
Chlorobenzene
Concen: 5.659 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion:	112	Resp:	88578
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.1	41.1
77	56.5	48.3	72.5

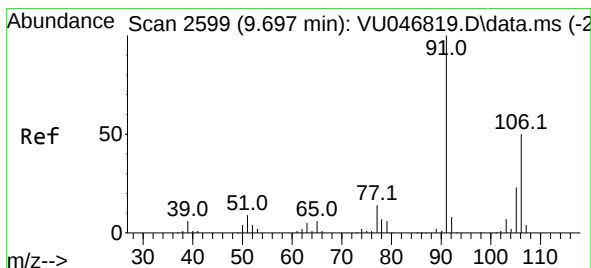
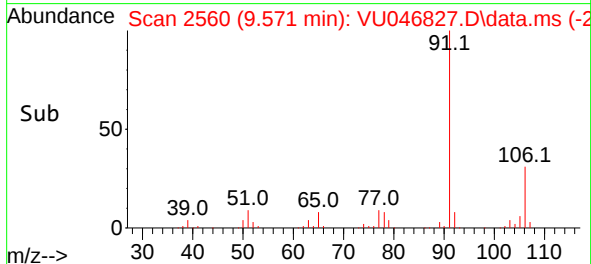
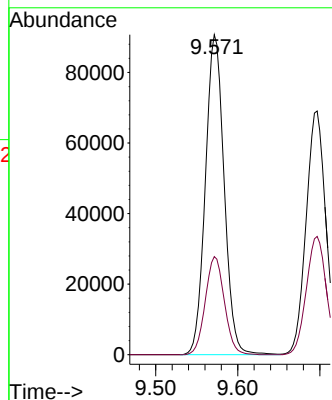
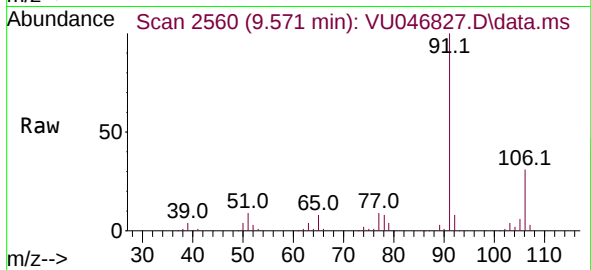




#52
Ethylbenzene
Concen: 5.611 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

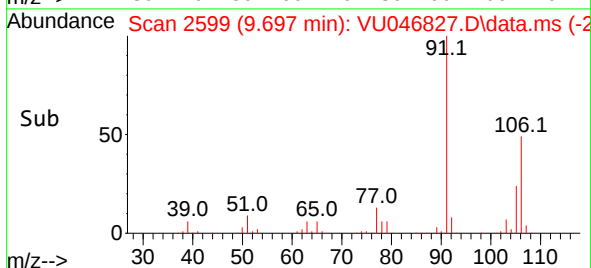
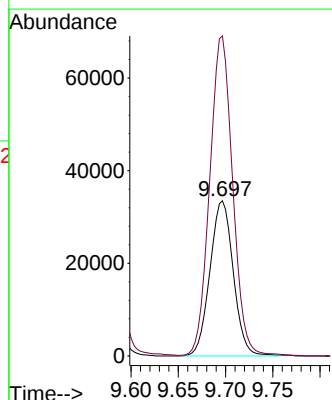
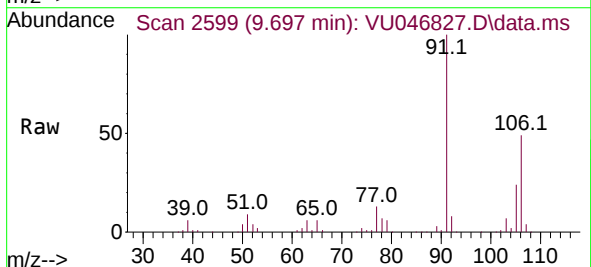
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

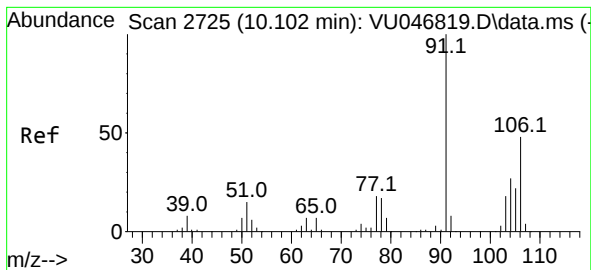
Tgt Ion: 91 Resp: 143787
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.638 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion:106 Resp: 57590
Ion Ratio Lower Upper
106 100
91 206.1 139.4 259.0





#54

o-Xylene

Concen: 5.536 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

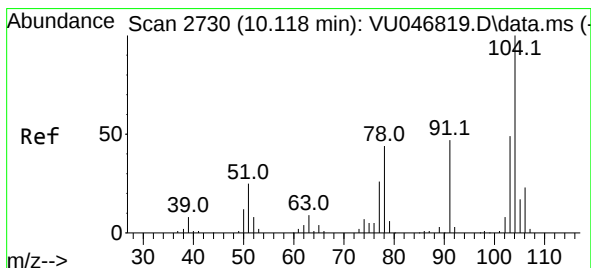
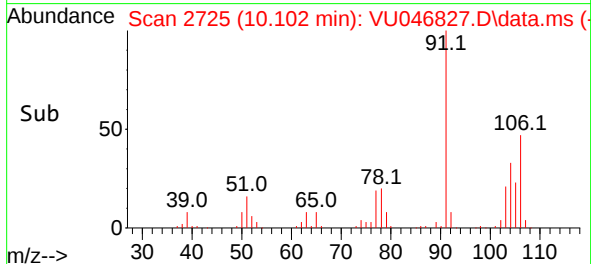
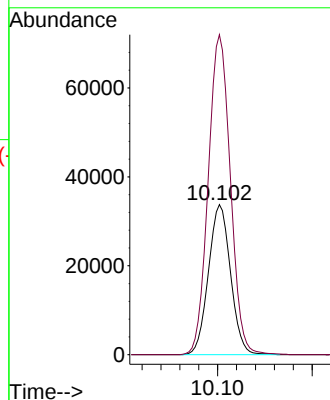
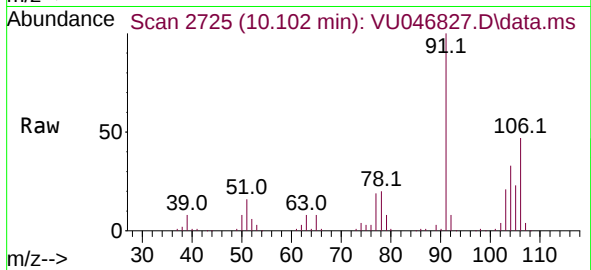
VSTD005171

Tgt Ion:106 Resp: 54814

Ion Ratio Lower Upper

106 100

91 213.2 147.5 273.9



#55

Styrene

Concen: 5.779 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU046827.D

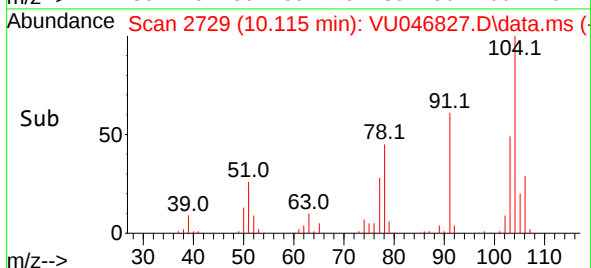
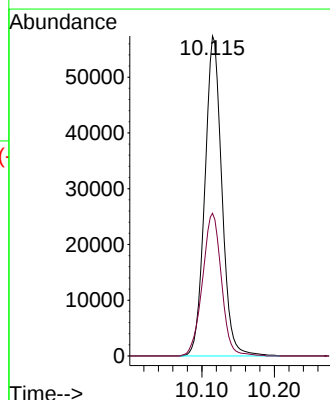
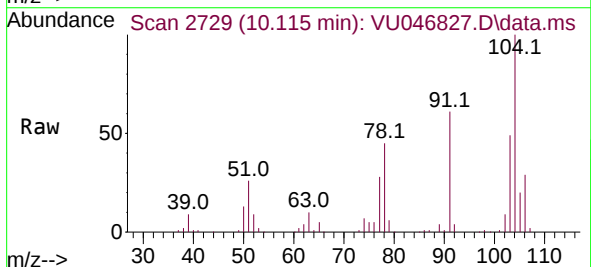
Acq: 21 Jan 2022 17:03

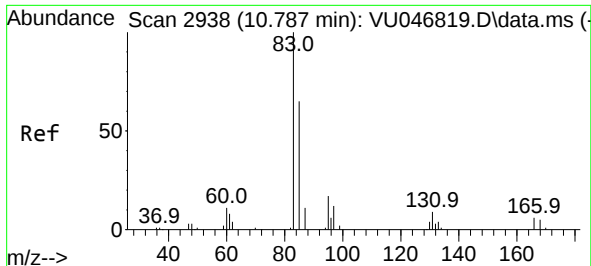
Tgt Ion:104 Resp: 93606

Ion Ratio Lower Upper

104 100

78 44.6 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 6.215 ug/L

RT: 10.783 min Scan# 2938

Delta R.T. -0.003 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005171

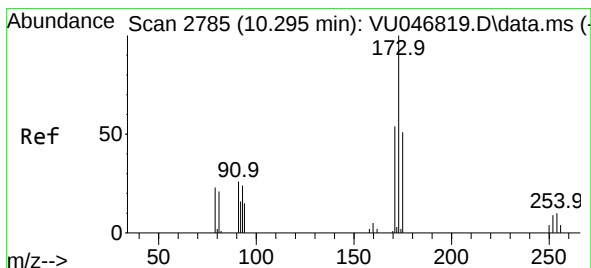
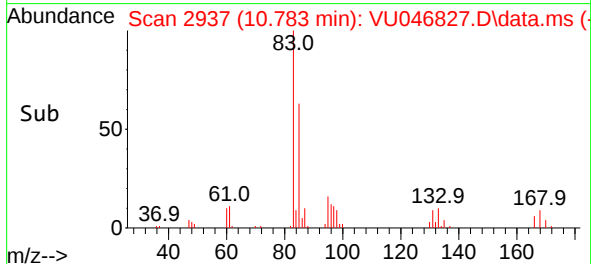
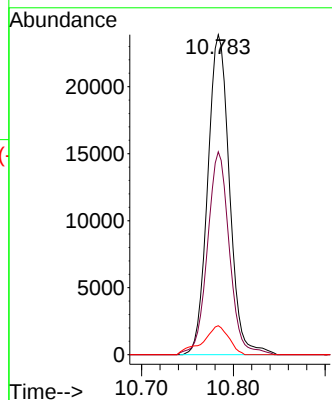
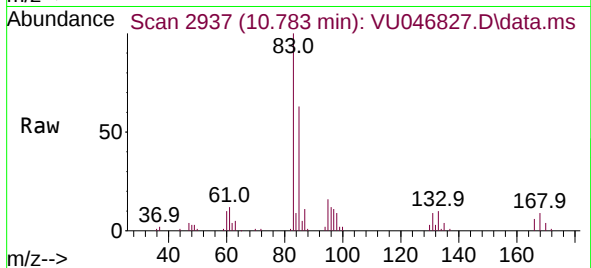
Tgt Ion: 83 Resp: 39332

Ion Ratio Lower Upper

83 100

85 63.4 47.9 89.1

131 9.1 8.1 12.1



#59

Bromoform

Concen: 5.713 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

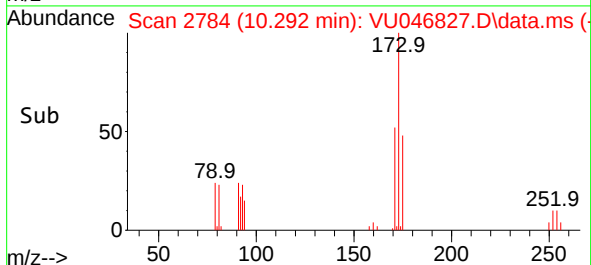
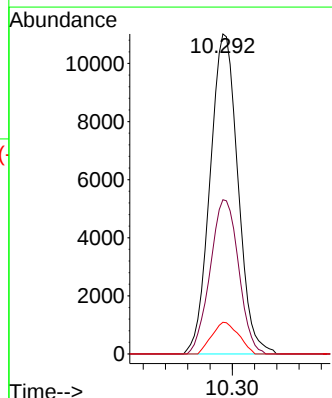
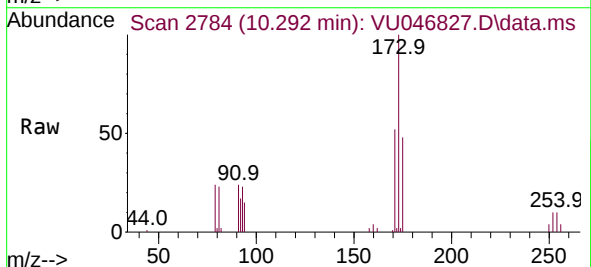
Tgt Ion:173 Resp: 19098

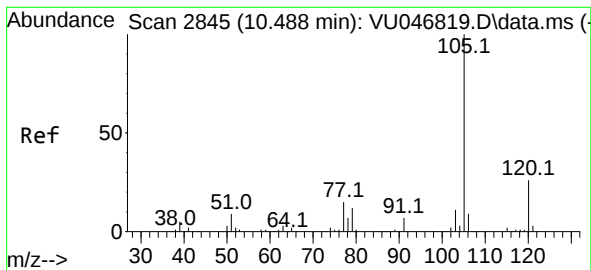
Ion Ratio Lower Upper

173 100

175 49.1 37.8 56.6

254 9.5 7.3 10.9





#60

Isopropylbenzene

Concen: 5.741 ug/L

RT: 10.484 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005171

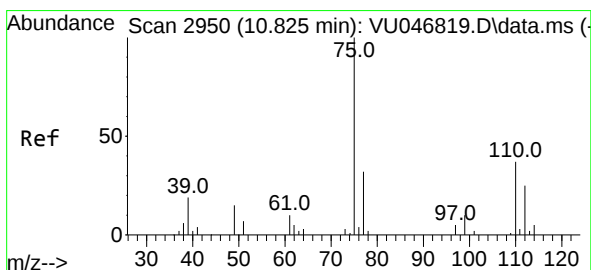
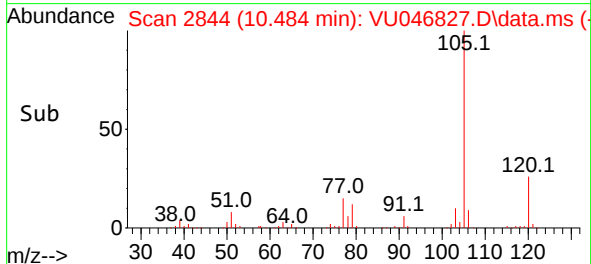
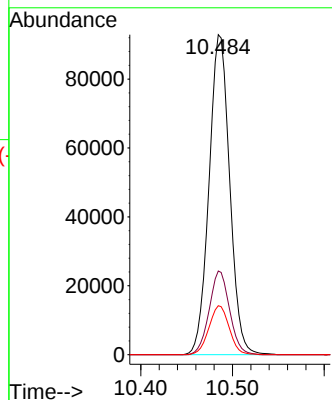
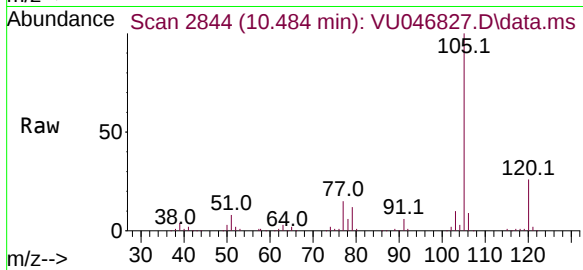
Tgt Ion:105 Resp: 145178

Ion Ratio Lower Upper

105 100

120 25.8 20.7 31.1

77 15.0 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 6.257 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

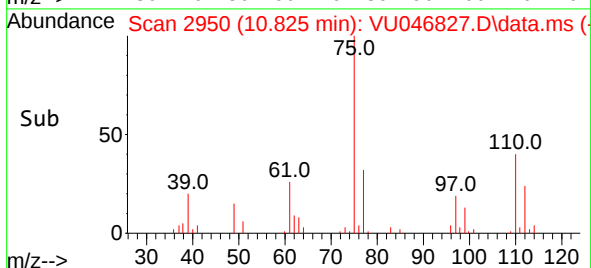
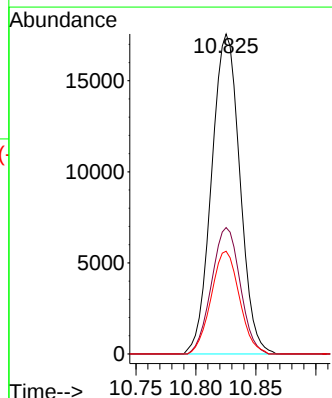
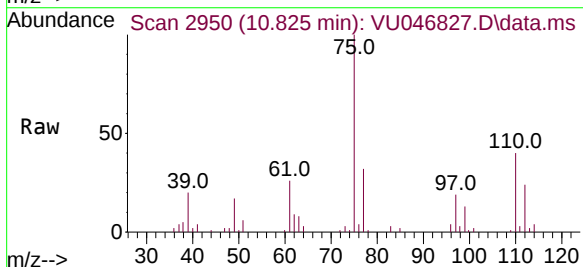
Tgt Ion: 75 Resp: 28780

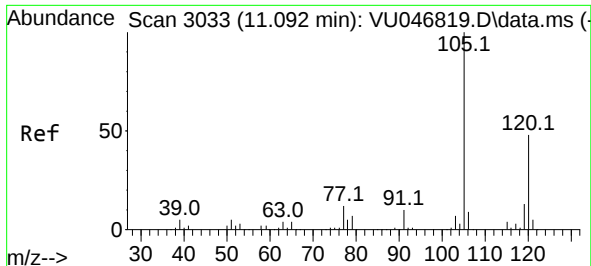
Ion Ratio Lower Upper

75 100

110 40.0 29.9 44.9

77 32.2 25.5 38.3

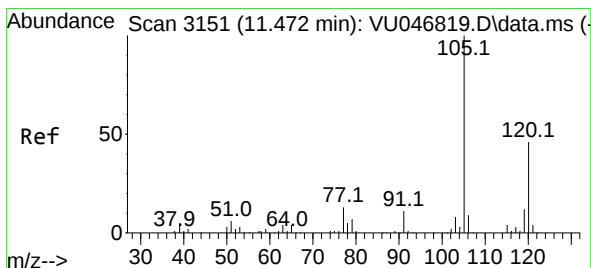
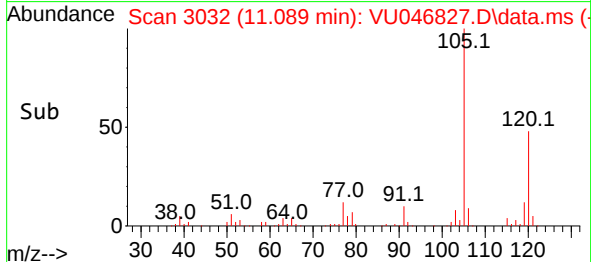
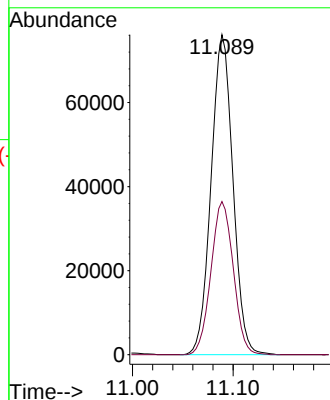
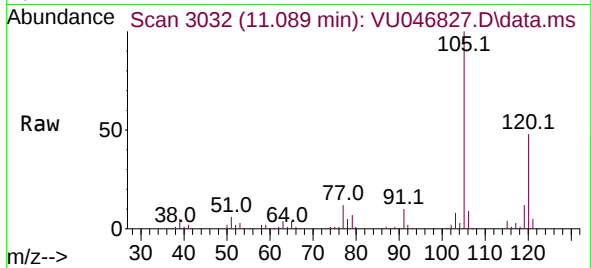




#62
1,3,5-Trimethylbenzene
Concen: 5.530 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

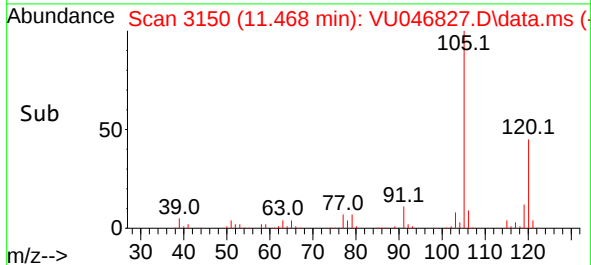
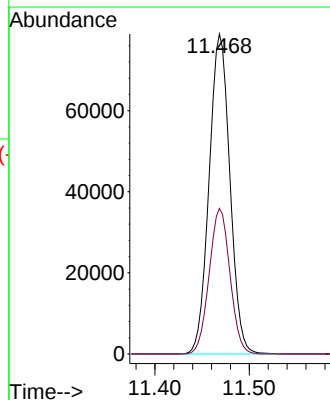
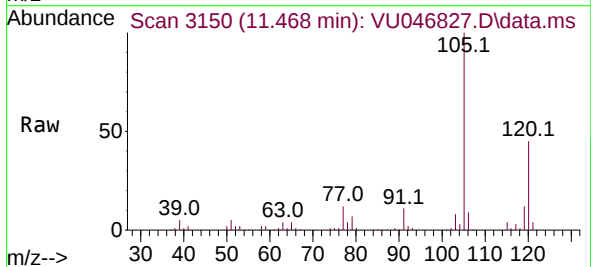
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

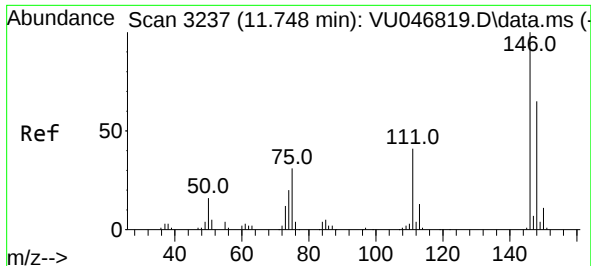
Tgt Ion:105 Resp: 114773
Ion Ratio Lower Upper
105 100
120 49.0 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.646 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion:105 Resp: 120591
Ion Ratio Lower Upper
105 100
120 45.4 35.8 53.8

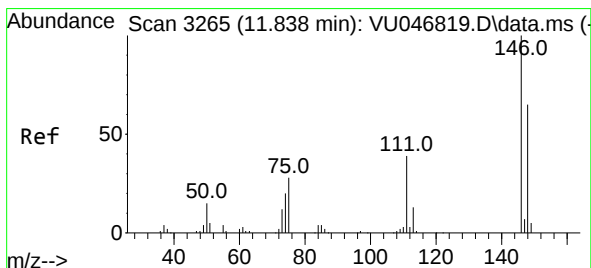
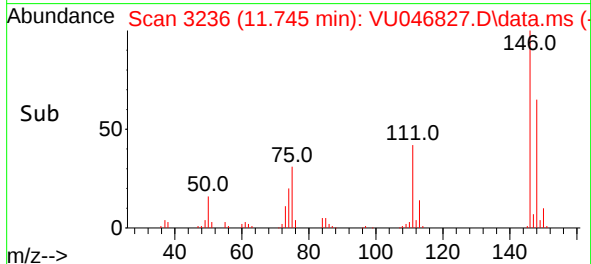
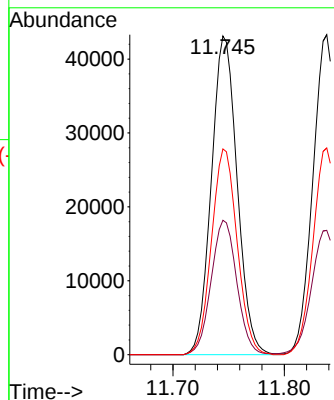
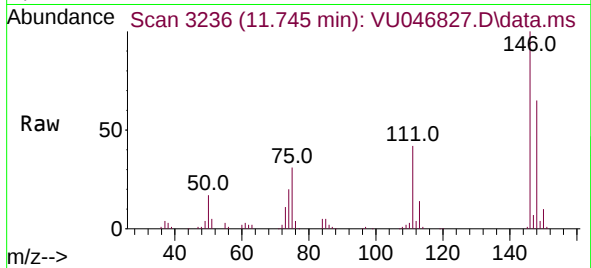




#64
1,3-Dichlorobenzene
Concen: 5.490 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

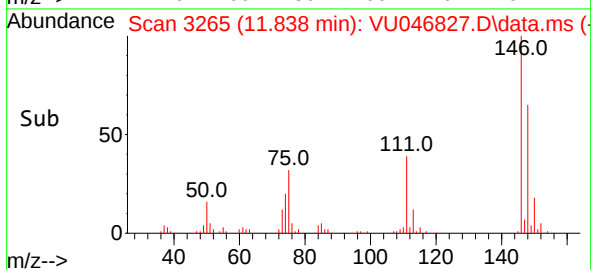
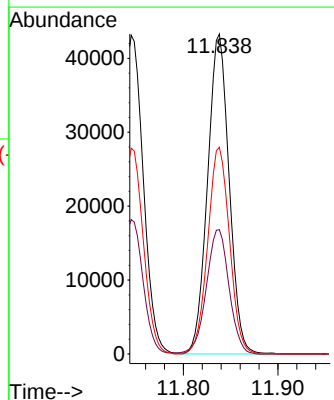
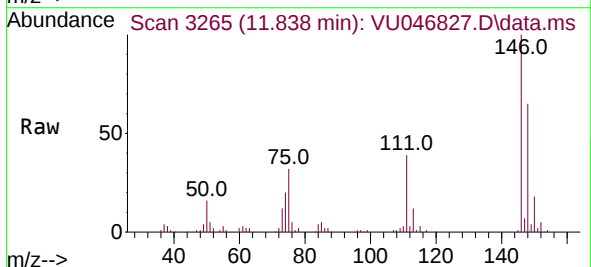
Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

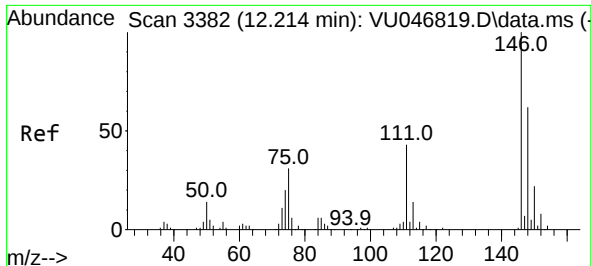
Tgt Ion:146 Resp: 69382
Ion Ratio Lower Upper
146 100
111 42.2 29.9 55.5
148 64.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.387 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion:146 Resp: 68524
Ion Ratio Lower Upper
146 100
111 38.9 28.7 53.3
148 64.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.609 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

Instrument :

MSVOA_U

ClientSampleId :

VSTD005171

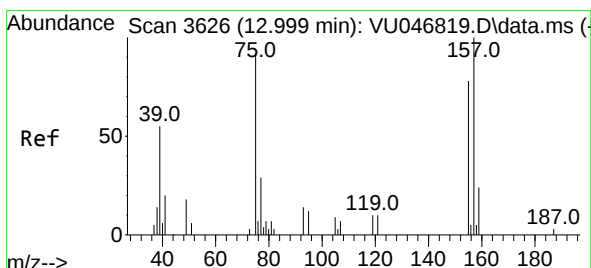
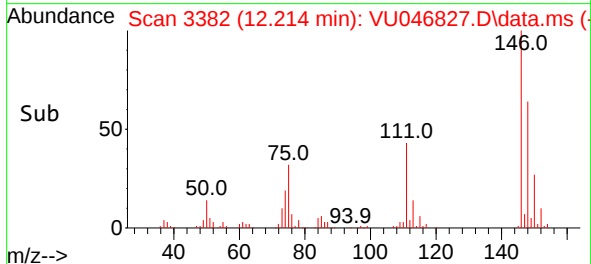
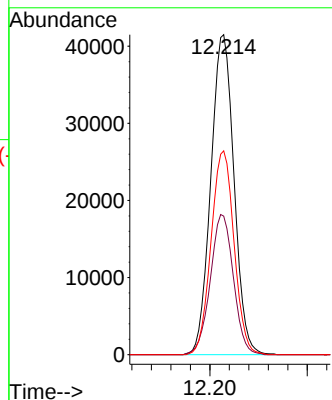
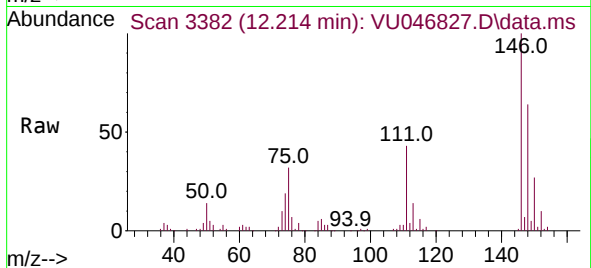
Tgt Ion:146 Resp: 68566

Ion Ratio Lower Upper

146 100

111 43.3 35.4 53.0

148 63.7 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.142 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046827.D

Acq: 21 Jan 2022 17:03

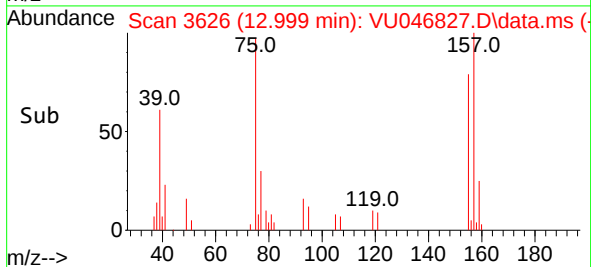
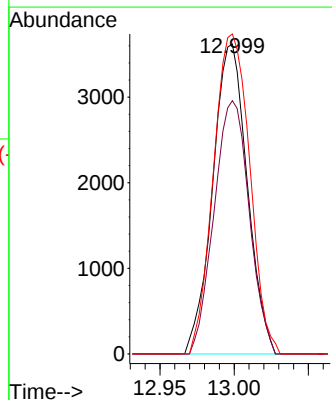
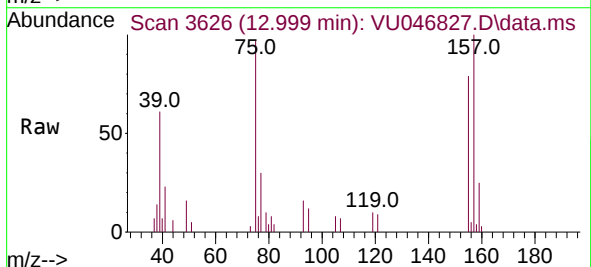
Tgt Ion: 75 Resp: 5864

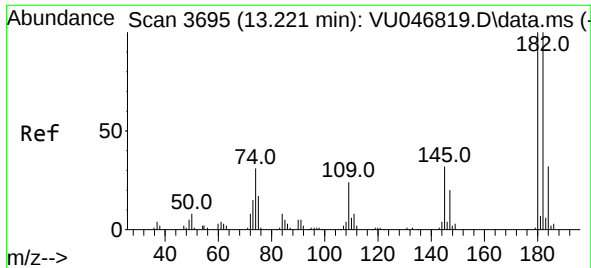
Ion Ratio Lower Upper

75 100

155 81.7 59.2 88.8

157 103.3 76.5 114.7

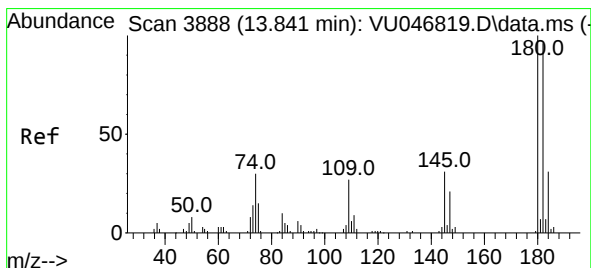
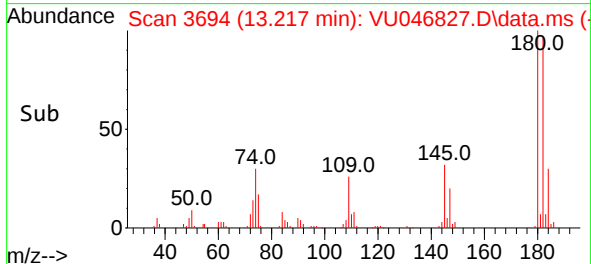
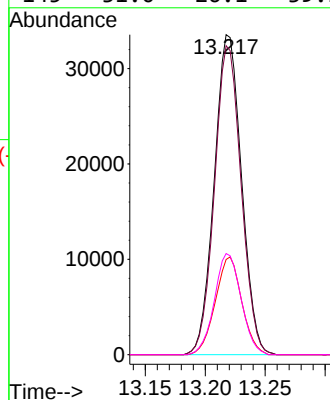
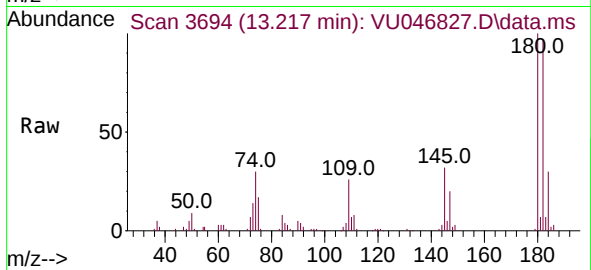




#69
 1,3,5-Trichlorobenzene
 Concen: 5.302 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU046827.D
 Acq: 21 Jan 2022 17:03

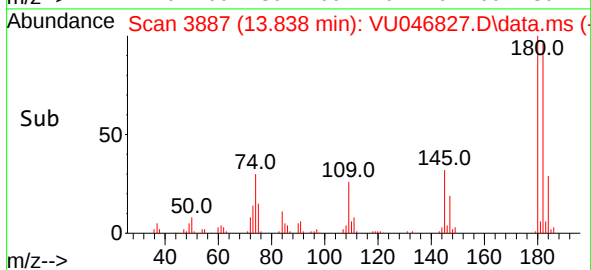
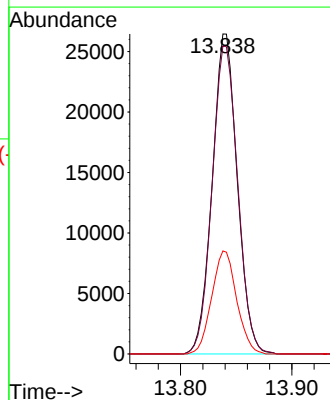
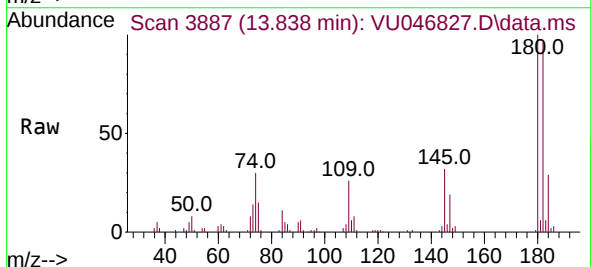
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005171

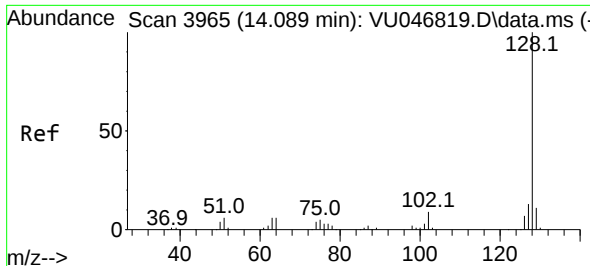
Tgt Ion:180	Resp:	52836
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.1 114.1
184	29.7	25.0 37.4
145	31.0	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.962 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU046827.D
 Acq: 21 Jan 2022 17:03

Tgt Ion:180	Resp:	41339
Ion Ratio	Lower	Upper
180	100	
182	98.3	76.4 114.6
145	32.0	25.6 38.4

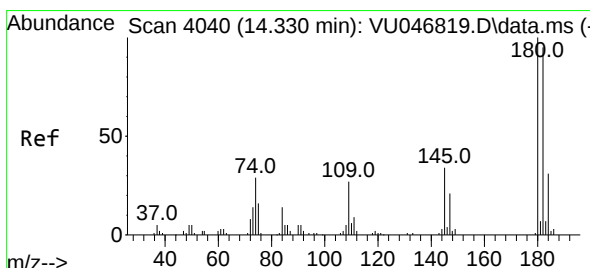
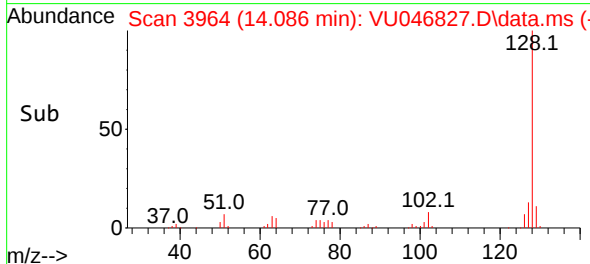
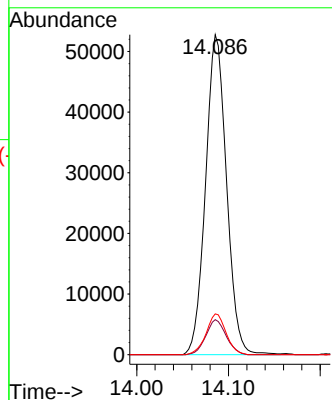
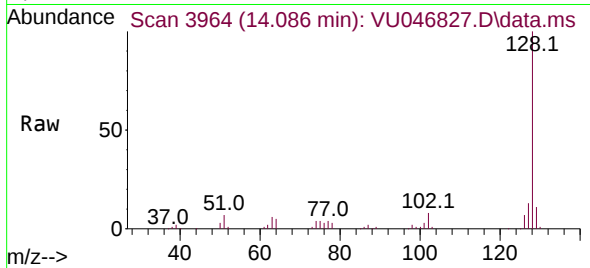




#71
Naphthalene
Concen: 4.938 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Instrument :
MSVOA_U
ClientSampleId :
VSTD005171

Tgt Ion:128 Resp: 83744
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.238 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046827.D
Acq: 21 Jan 2022 17:03

Tgt Ion:180 Resp: 41216
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.4
145 33.7 28.4 42.6

