

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046627.D
 Acq On : 29 Dec 2021 09:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

Quant Time: Dec 30 04:15:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 01:29:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	61160	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	63574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	36736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	32631	6.773	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 135.400%#	
7) Chloroethane-d5	1.919	69	22620	5.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 119.200%	
11) 1,1-Dichloroethene-d2	2.572	65	13343	6.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 131.400%#	
20) 2-Butanone-d5	4.652	46	83868	60.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 120.040%	
24) Chloroform-d	5.070	84	52717	5.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 119.400%	
26) 1,2-Dichloroethane-d4	5.707	65	30346	6.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 120.200%	
32) Benzene-d6	5.732	84	100270	5.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 113.200%	
36) 1,2-Dichloropropane-d6	6.697	67	30755	5.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 115.600%	
41) Toluene-d8	7.903	98	90648	5.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.800%	
43) trans-1,3-Dichloroprop...	8.182	79	14397	5.845	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 117.000%	
46) 2-Hexanone-d5	8.639	63	72689	50.268	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 100.540%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	30243	5.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 110.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	33105	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 97.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	45296	4.840	ug/L	99
3) Chloromethane	1.523	50	32113	3.984	ug/L	99
5) Vinyl chloride	1.607	62	34091	4.296	ug/L	99
6) Bromomethane	1.864	94	19646	4.113	ug/L	96
8) Chloroethane	1.941	64	19793	4.249	ug/L	96
9) Trichlorofluoromethane	2.144	101	53157	5.122	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30884	5.845	ug/L	97
12) 1,1-Dichloroethene	2.584	96	27352	5.084	ug/L	92
13) Acetone	2.671	43	77247	58.962	ug/L	97
14) Carbon disulfide	2.800	76	65838	3.747	ug/L	98
15) Methyl Acetate	2.967	43	14011	5.295	ug/L	98
16) Methylene chloride	3.051	84	32595	4.979	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	78837	5.023	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	27197	4.739	ug/L	94
19) 1,1-Dichloroethane	3.874	63	54704	5.174	ug/L	99
21) 2-Butanone	4.729	43	114610	57.661	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	30864	4.920	ug/L	99
23) Bromochloromethane	4.980	128	15259	4.887	ug/L	95
25) Chloroform	5.092	83	61084	5.348	ug/L	96

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 ALS Vial : 2 Sample Multiplier: 1

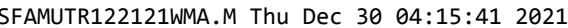
Instrument :
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 ClientSampleId :
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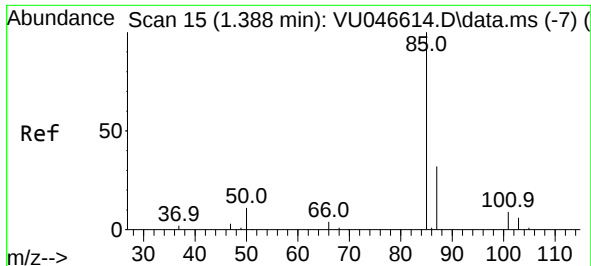
Quant Time: Dec 30 04:15:32 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 01:29:25 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41749	5.120	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	52534	4.997	ug/L	100
30) Cyclohexane	5.395	56	37517	4.314	ug/L	96
31) Carbon tetrachloride	5.530	117	46637	5.287	ug/L	99
33) Benzene	5.781	78	118779	4.702	ug/L	100
34) Trichloroethene	6.546	95	30117	4.523	ug/L	99
35) Methylcyclohexane	6.768	83	41963	4.470	ug/L	97
37) 1,2-Dichloropropane	6.793	63	33493	5.198	ug/L	99
38) Bromodichloromethane	7.108	83	47391	5.314	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	45714	4.687	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	250212	51.733	ug/L	98
42) Toluene	7.973	91	129856	5.009	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	45757	5.062	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	28460	5.122	ug/L	98
47) Tetrachloroethene	8.555	164	23239	4.932	ug/L	93
48) 2-Hexanone	8.690	43	192781	53.371	ug/L	98
49) Dibromochloromethane	8.813	129	35091	5.475	ug/L	97
50) 1,2-Dibromoethane	8.928	107	26380	4.918	ug/L	98
51) Chlorobenzene	9.449	112	82818	4.997	ug/L	99
52) Ethylbenzene	9.575	91	134396	5.008	ug/L	100
53) m,p-Xylene	9.697	106	53851	5.238	ug/L	96
54) o-Xylene	10.105	106	51650	5.228	ug/L	94
55) Styrene	10.118	104	97101	5.667	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	38593	5.315	ug/L	95
59) Bromoform	10.295	173	21627	5.096	ug/L	97
60) Isopropylbenzene	10.488	105	139216	4.914	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	28345	4.646	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	109231	4.636	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	116450	4.908	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	70359	5.109	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	71612	5.079	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	69291	5.016	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7427	5.259	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	54234	5.203	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	45466	5.150	ug/L	99
71) Naphthalene	14.089	128	88900	4.534	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	44646	5.108	ug/L	98

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

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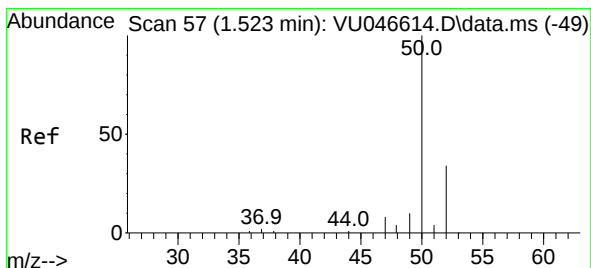
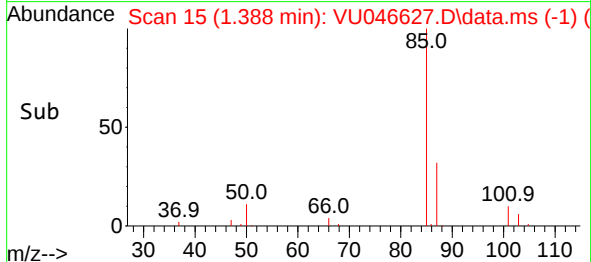
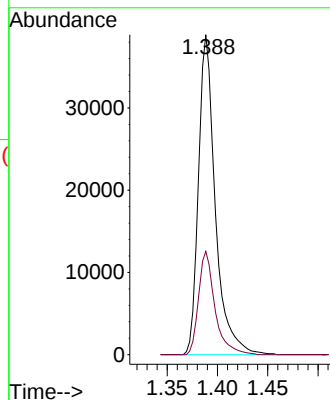
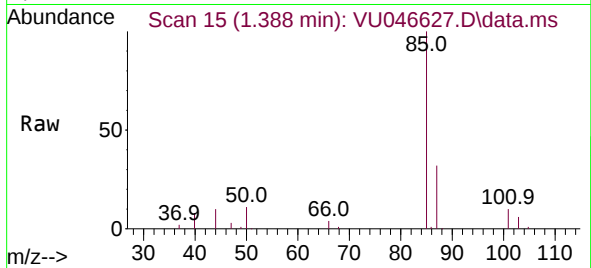




#2
 Dichlorodifluoromethane
 Concen: 4.840 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU046627.D
 Acq: 29 Dec 2021 09:58

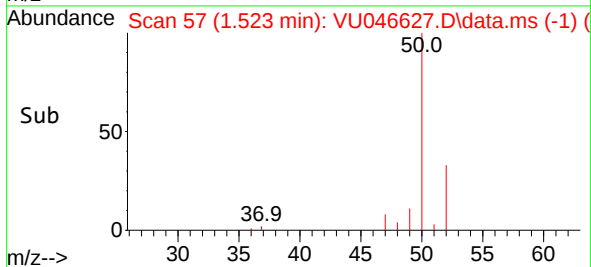
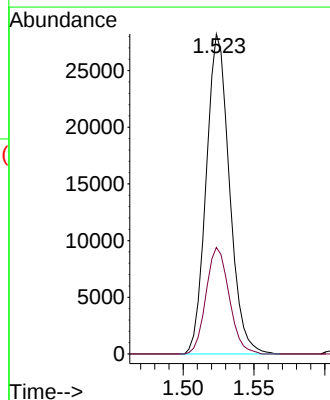
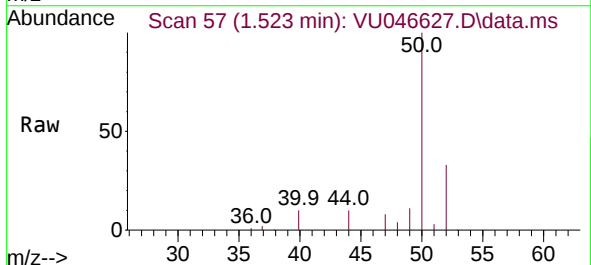
Instrument :
 MSVOA_U
 ClientSampleId :
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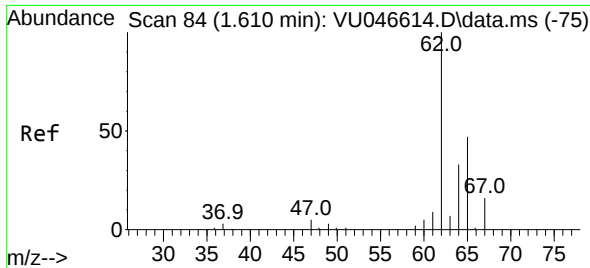
Tgt Ion: 85 Resp: 45296
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.8 38.6



#3
 Chloromethane
 Concen: 3.984 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU046627.D
 Acq: 29 Dec 2021 09:58

Tgt Ion: 50 Resp: 32113
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.8

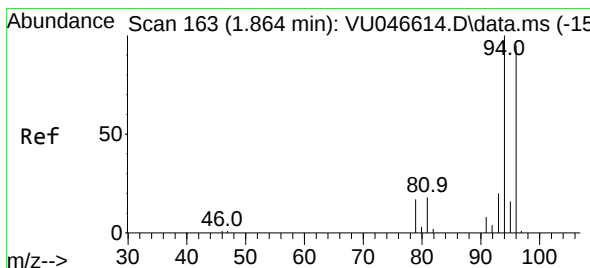
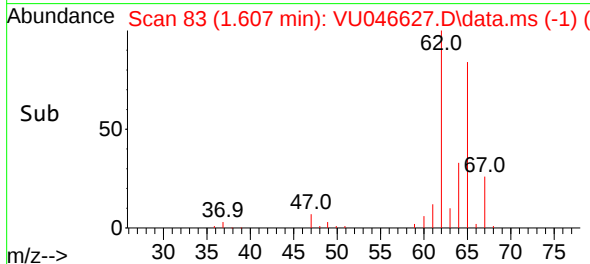
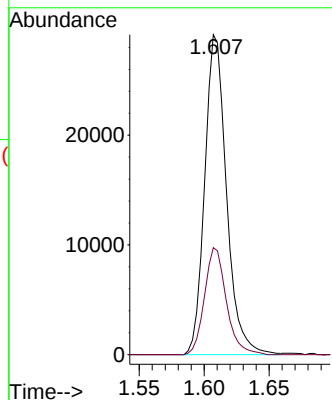
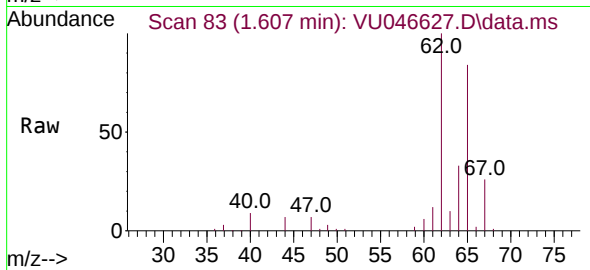




#5
 Vinyl chloride
 Concen: 4.296 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU046627.D
 Acq: 29 Dec 2021 09:58

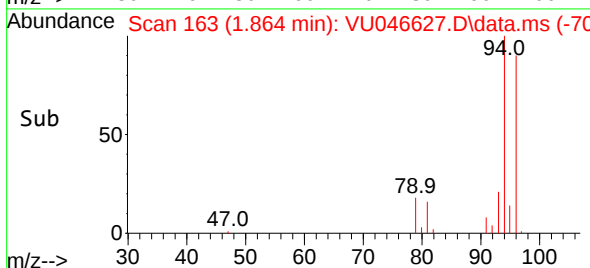
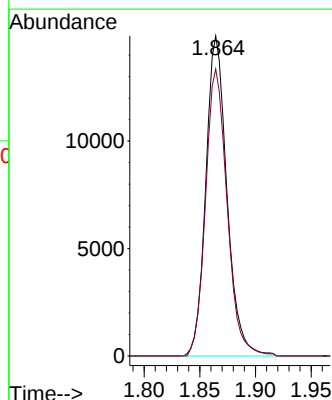
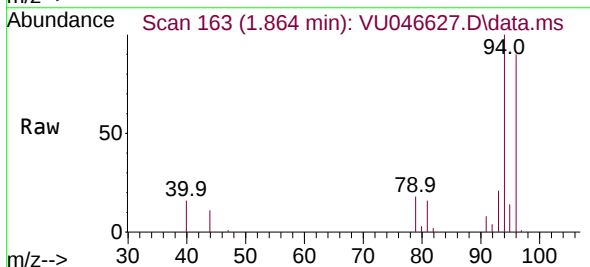
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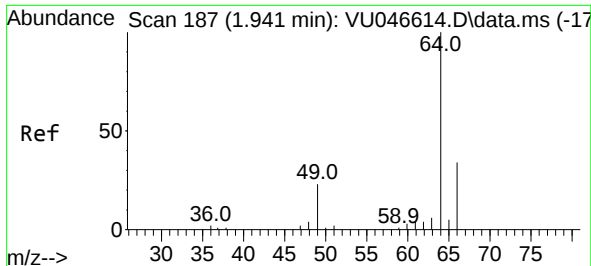
Tgt Ion: 62 Resp: 34091
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5



#6
 Bromomethane
 Concen: 4.113 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046627.D
 Acq: 29 Dec 2021 09:58

Tgt Ion: 94 Resp: 19646
 Ion Ratio Lower Upper
 94 100
 96 89.6 65.5 121.6

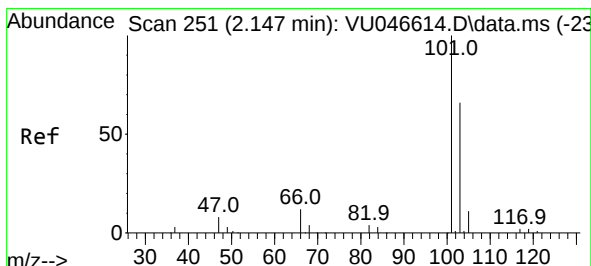
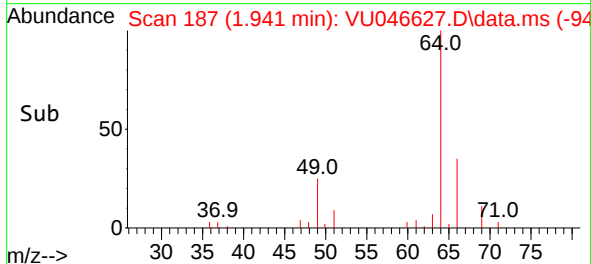
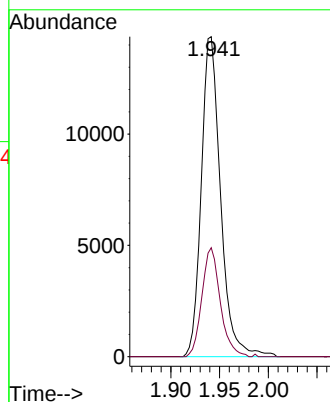
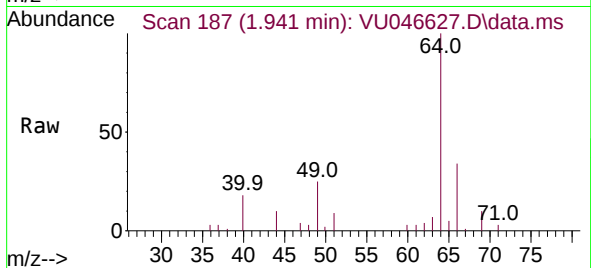




#8
Chloroethane
Concen: 4.249 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

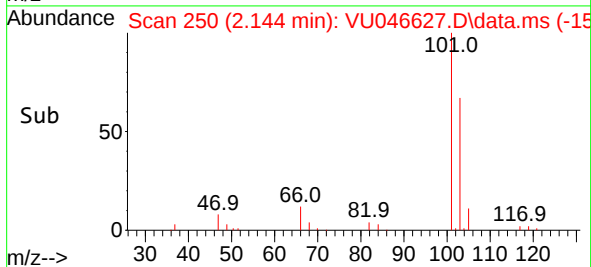
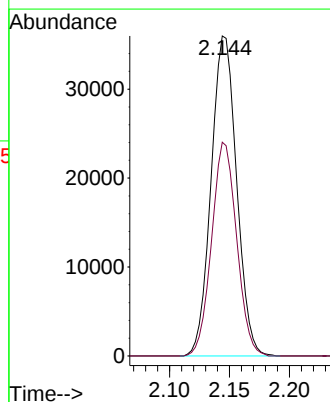
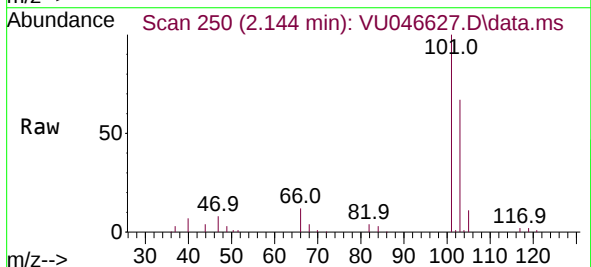
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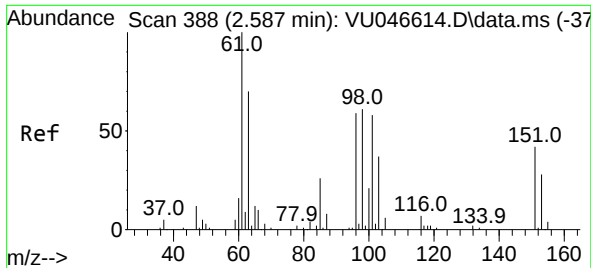
Tgt Ion: 64 Resp: 19793
Ion Ratio Lower Upper
64 100
66 34.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.122 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion:101 Resp: 53157
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3

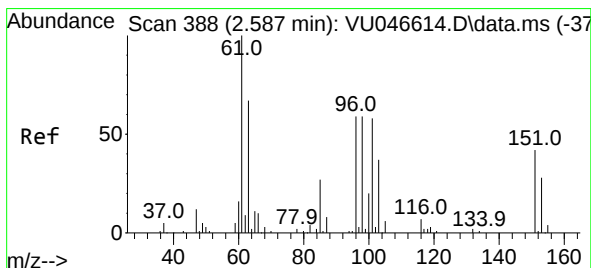
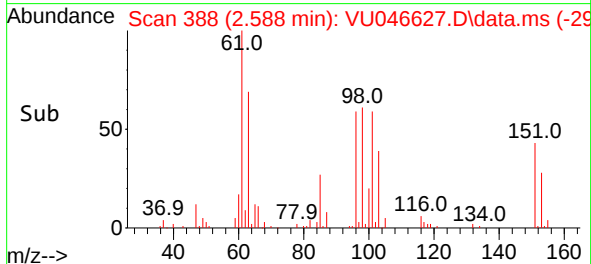
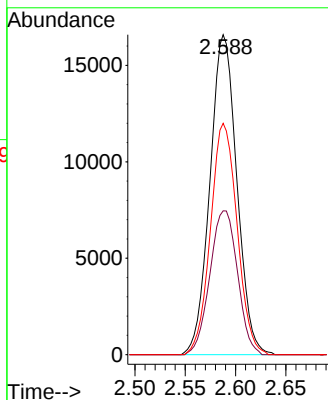
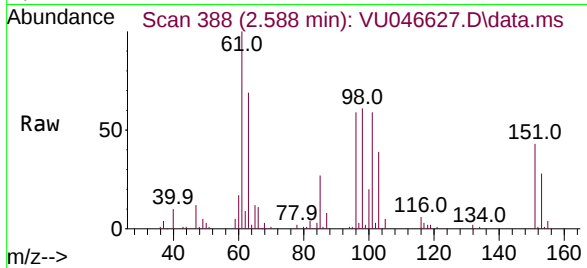




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.845 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

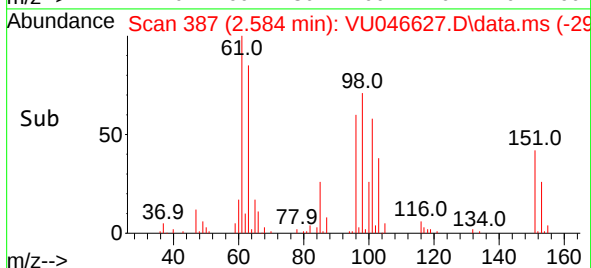
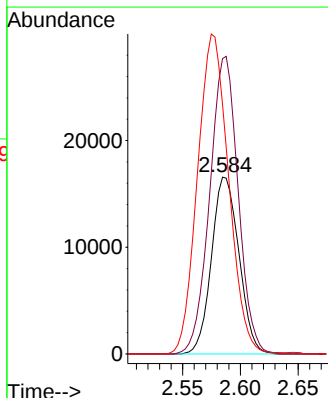
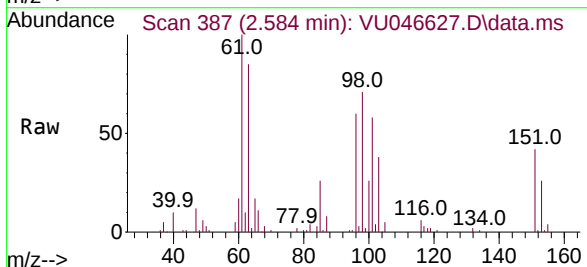
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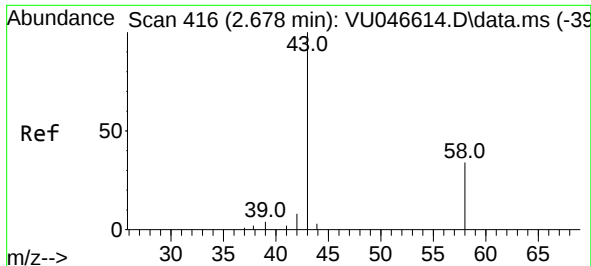
Tgt Ion:101 Resp: 30884
Ion Ratio Lower Upper
101 100
85 46.2 34.6 51.8
151 71.6 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.084 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion: 96 Resp: 27352
Ion Ratio Lower Upper
96 100
61 167.0 124.7 231.5
63 141.3 105.2 195.4





#13

Acetone

Concen: 58.962 ug/L

RT: 2.671 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

Instrument :

MSVOA_U

ClientSampleId :

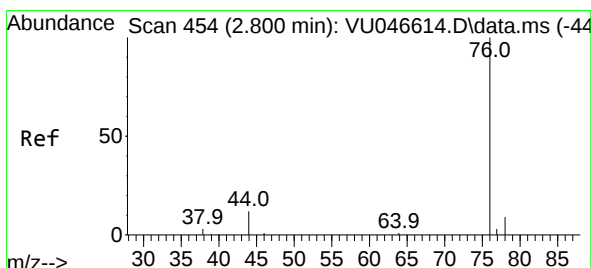
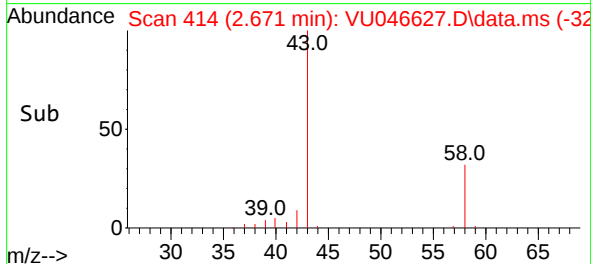
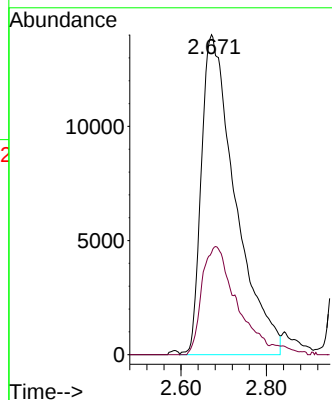
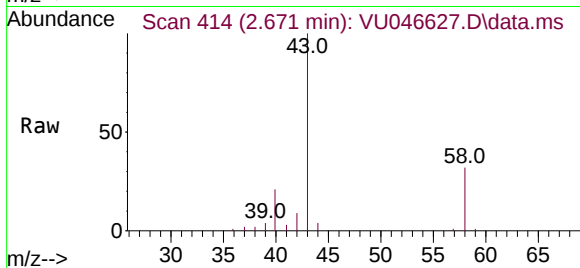
VSTD005149

Tgt Ion: 43 Resp: 77247

Ion Ratio Lower Upper

43 100

58 34.1 0.0 71.6



#14

Carbon disulfide

Concen: 3.747 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046627.D

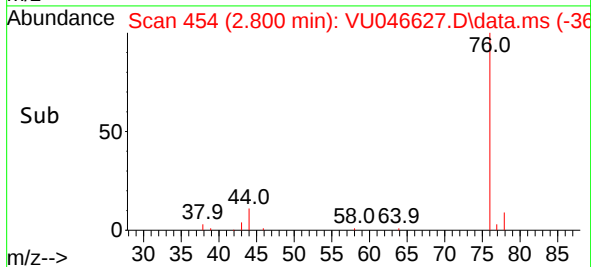
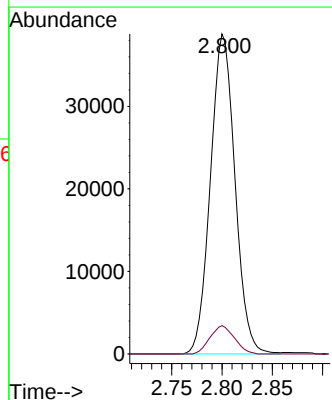
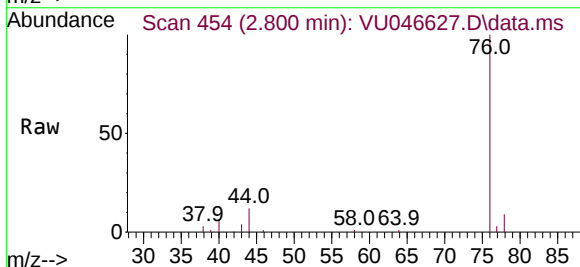
Acq: 29 Dec 2021 09:58

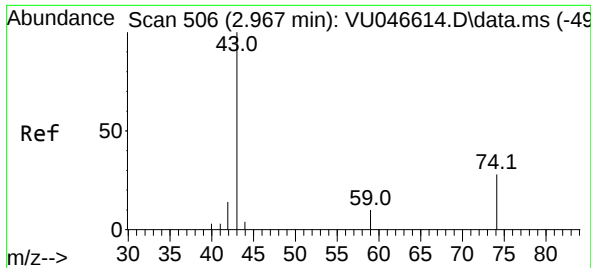
Tgt Ion: 76 Resp: 65838

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

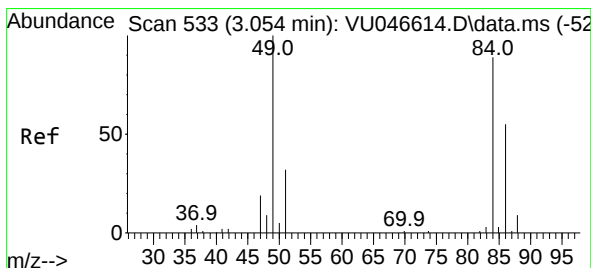
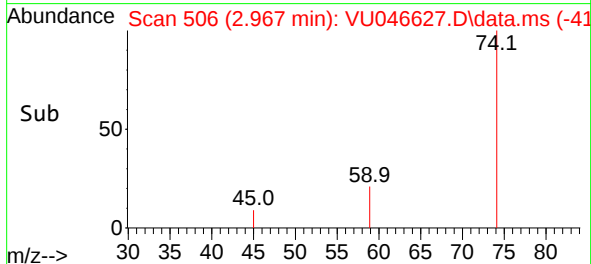
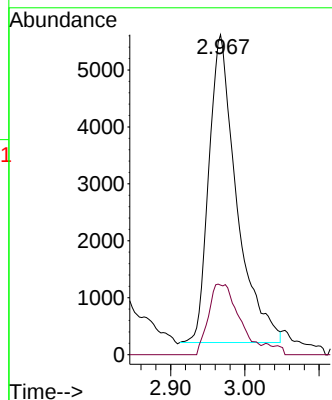
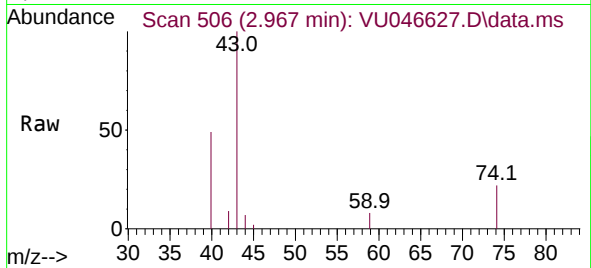




#15
Methyl Acetate
Concen: 5.295 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

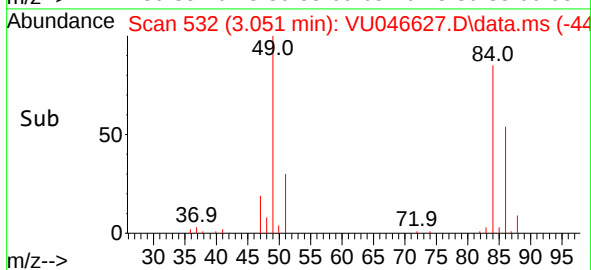
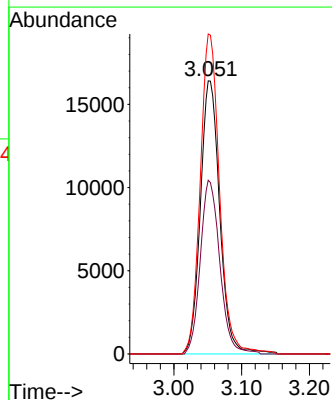
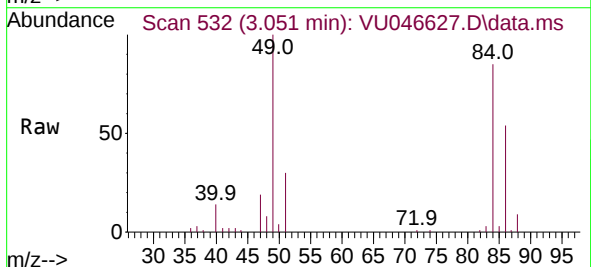
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

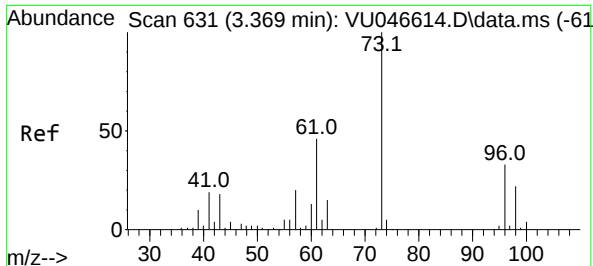
Tgt Ion: 43 Resp: 14011
Ion Ratio Lower Upper
43 100
74 25.1 19.1 28.7



#16
Methylene chloride
Concen: 4.979 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion: 84 Resp: 32595
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.0
49 117.2 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.023 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD005149

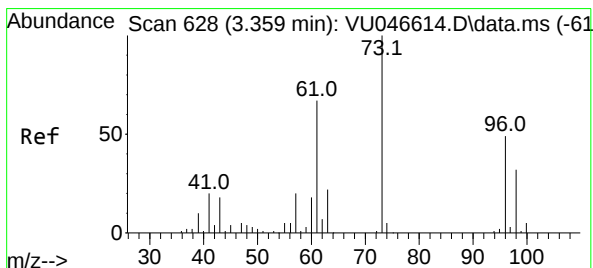
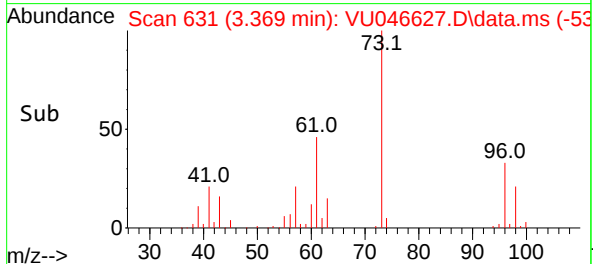
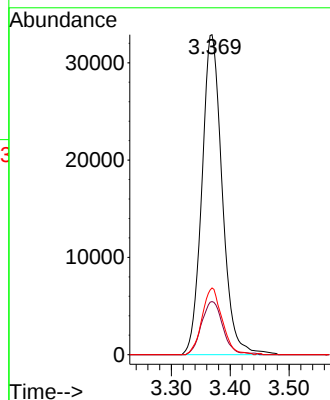
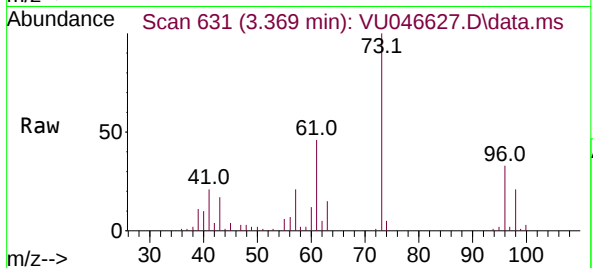
Tgt Ion: 73 Resp: 78837

Ion Ratio Lower Upper

73 100

43 17.6 14.8 22.2

57 20.6 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.739 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

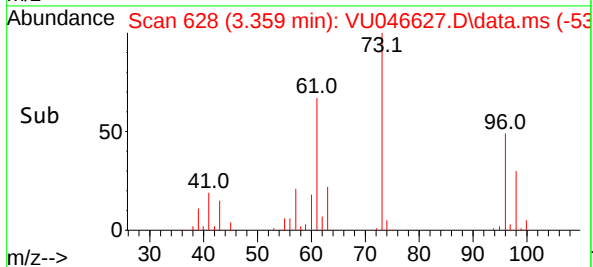
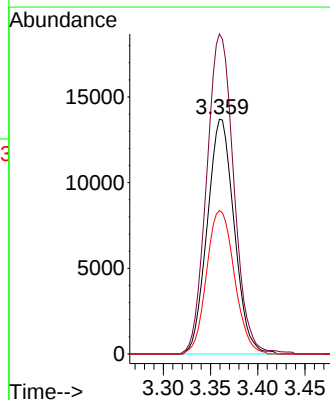
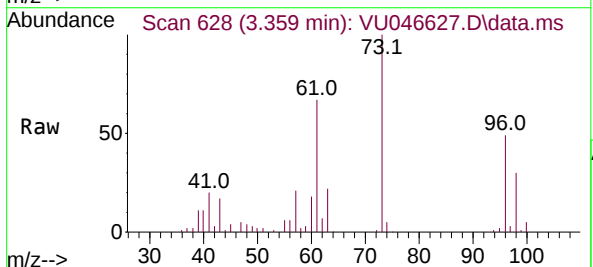
Tgt Ion: 96 Resp: 27197

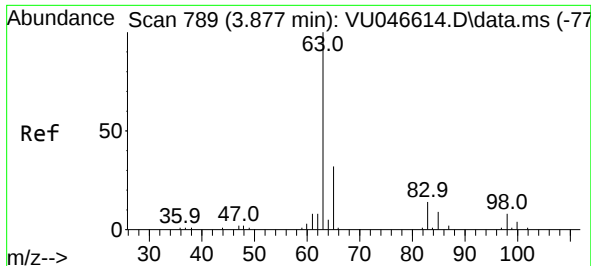
Ion Ratio Lower Upper

96 100

61 136.4 100.8 187.2

98 61.1 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.174 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD005149

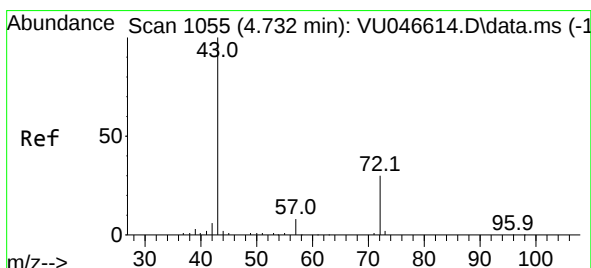
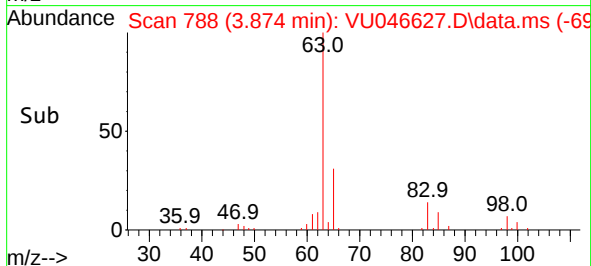
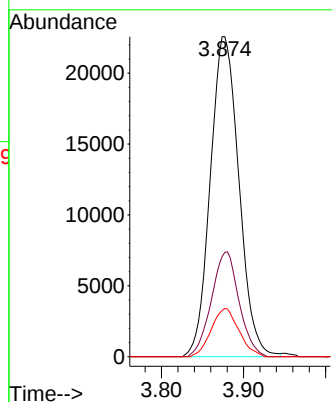
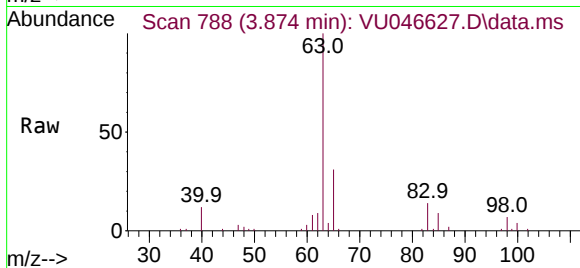
Tgt Ion: 63 Resp: 54704

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.5

83 14.5 9.6 17.8



#21

2-Butanone

Concen: 57.661 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. -0.003 min

Lab File: VU046627.D

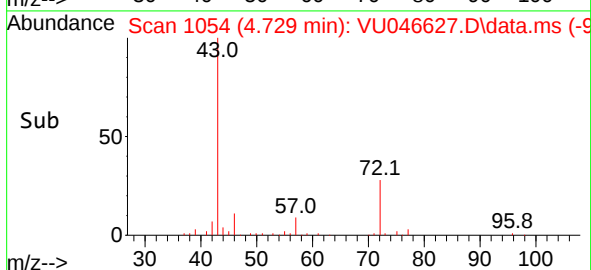
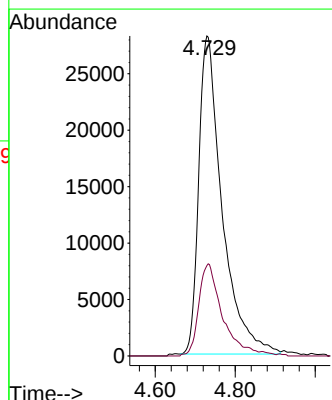
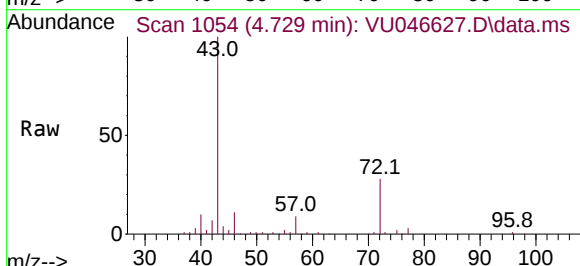
Acq: 29 Dec 2021 09:58

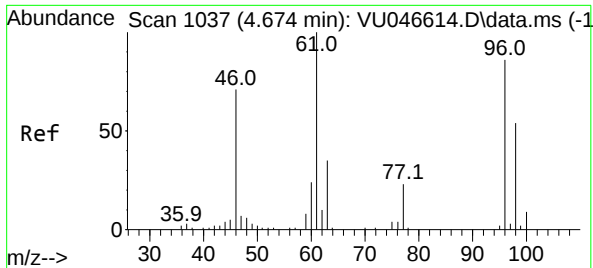
Tgt Ion: 43 Resp: 114610

Ion Ratio Lower Upper

43 100

72 29.0 14.1 42.3

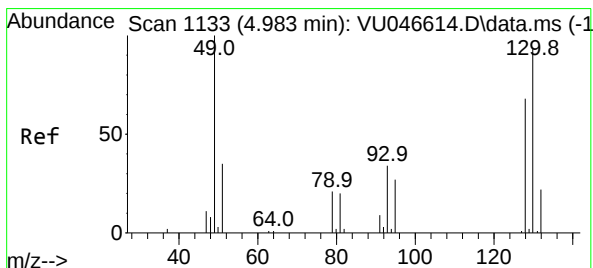
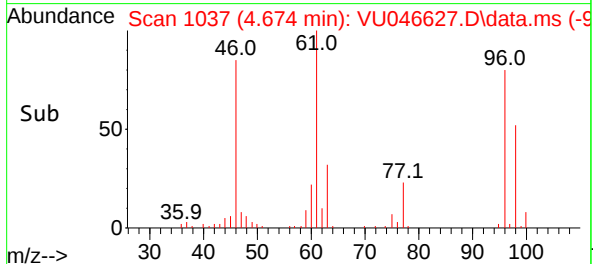
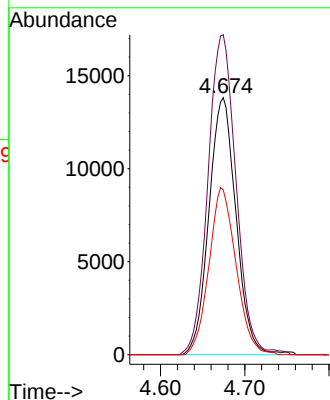
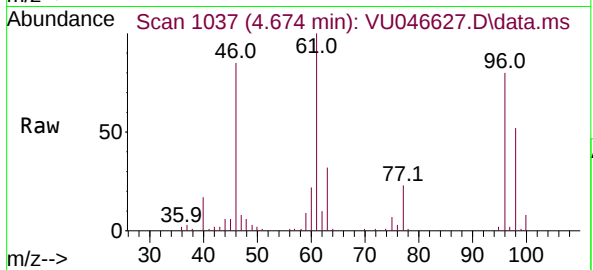




#22
 cis-1,2-Dichloroethene
 Concen: 4.920 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VU046627.D
 Acq: 29 Dec 2021 09:58

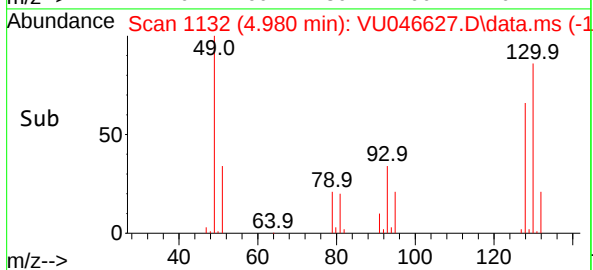
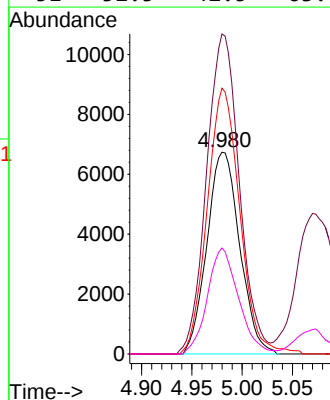
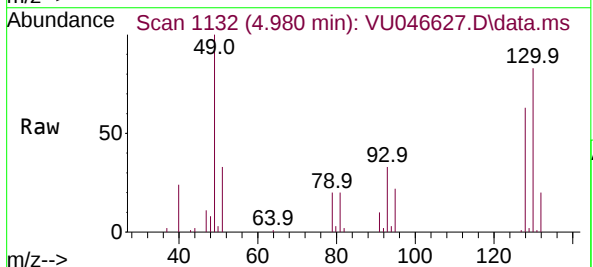
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

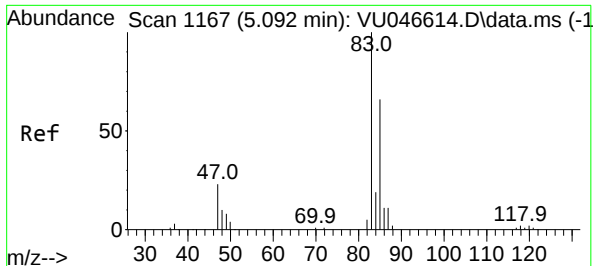
Tgt Ion: 96	Resp:	30864
Ion	Ratio	Lower Upper
96	100	
61	124.5	88.5 164.3
98	64.2	44.4 82.5



#23
 Bromochloromethane
 Concen: 4.887 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.003 min
 Lab File: VU046627.D
 Acq: 29 Dec 2021 09:58

Tgt Ion: 128	Resp:	15259
Ion	Ratio	Lower Upper
128	100	
49	158.6	117.0 217.2
130	131.7	88.2 163.8
51	52.5	42.5 63.7





#25

Chloroform

Concen: 5.348 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

Instrument :

MSVOA_U

ClientSampleId :

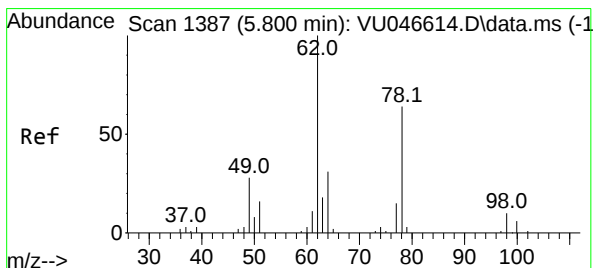
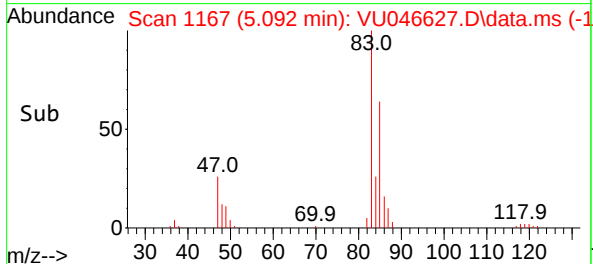
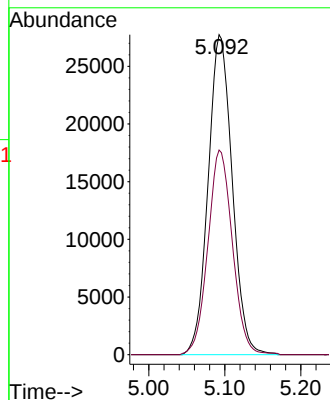
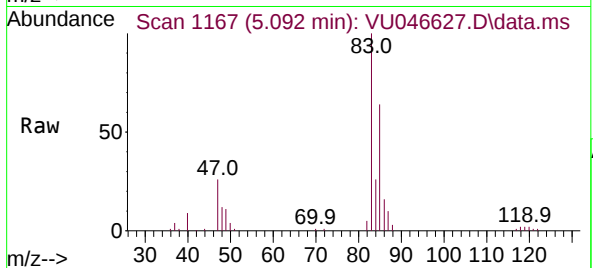
VSTD005149

Tgt Ion: 83 Resp: 61084

Ion Ratio Lower Upper

83 100

85 64.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.120 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU046627.D

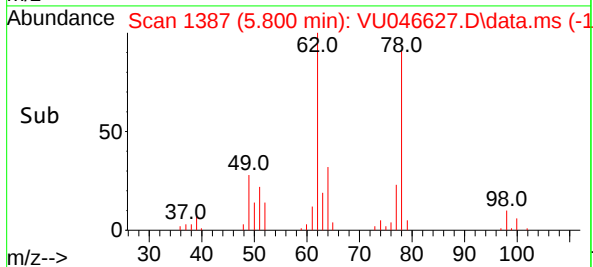
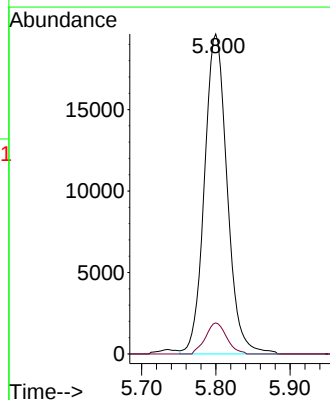
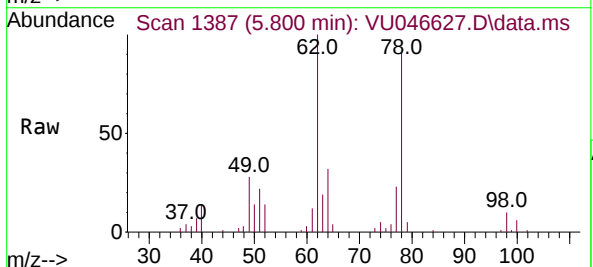
Acq: 29 Dec 2021 09:58

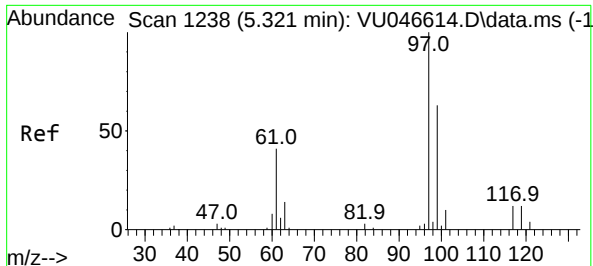
Tgt Ion: 62 Resp: 41749

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.997 ug/L

RT: 5.324 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD005149

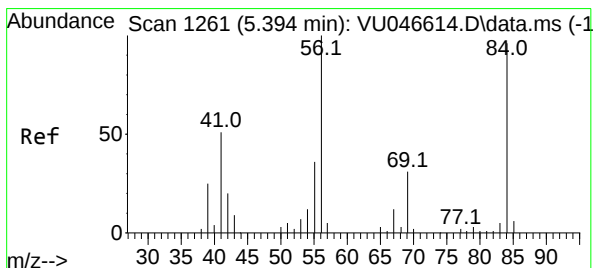
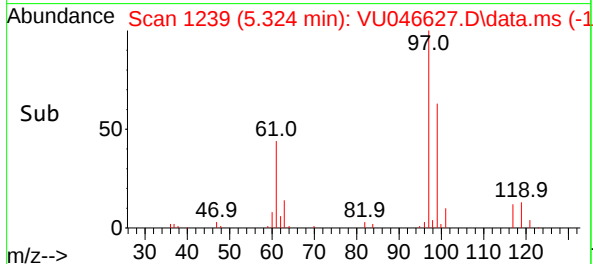
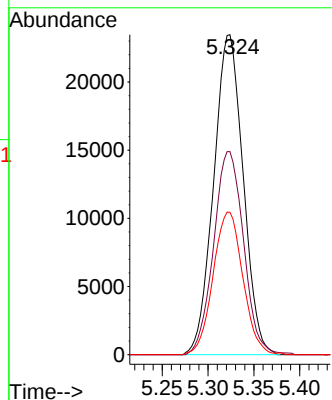
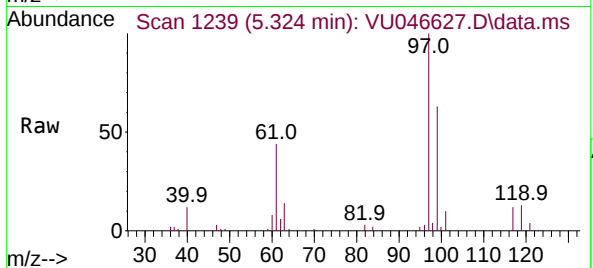
Tgt Ion: 97 Resp: 52534

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 45.0 36.1 54.1



#30

Cyclohexane

Concen: 4.314 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

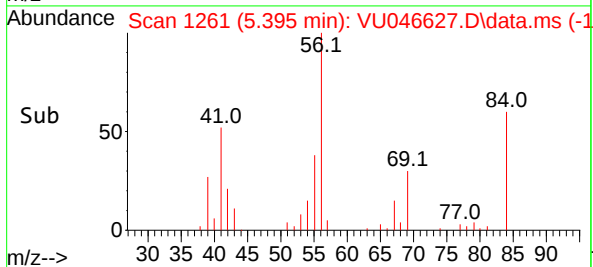
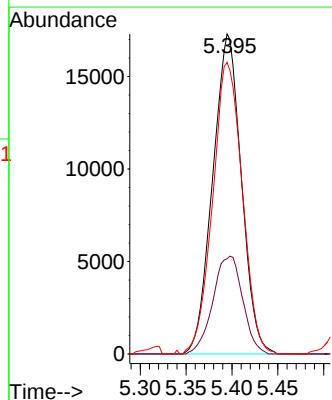
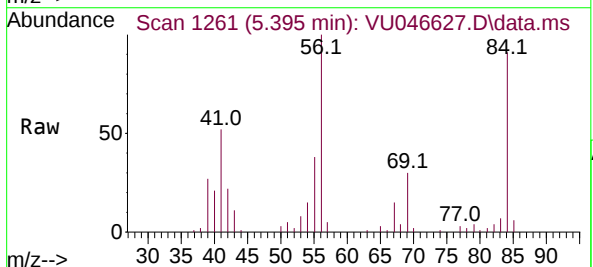
Tgt Ion: 56 Resp: 37517

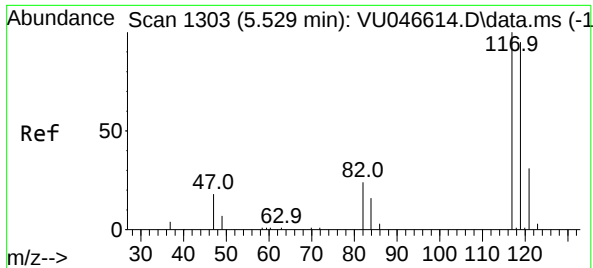
Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

84 94.2 71.8 107.6

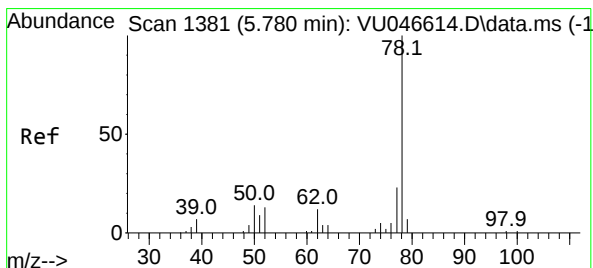
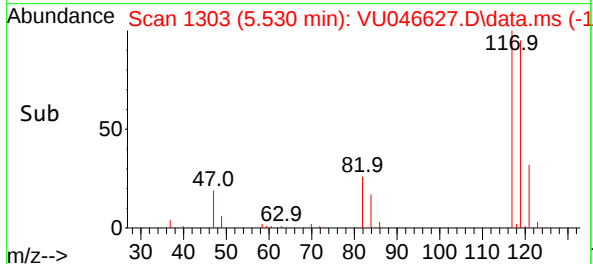
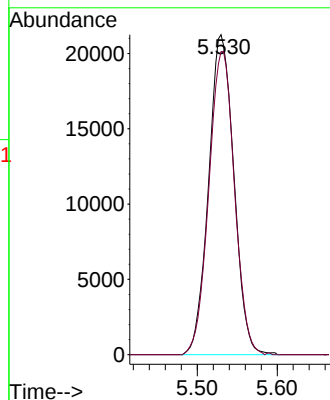
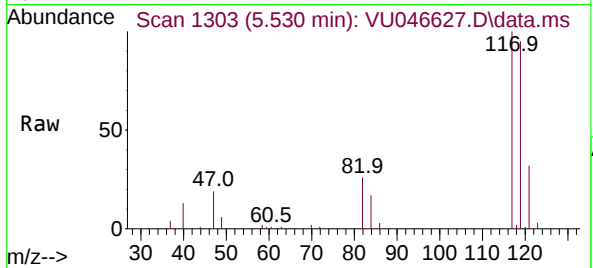




#31
Carbon tetrachloride
Concen: 5.287 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

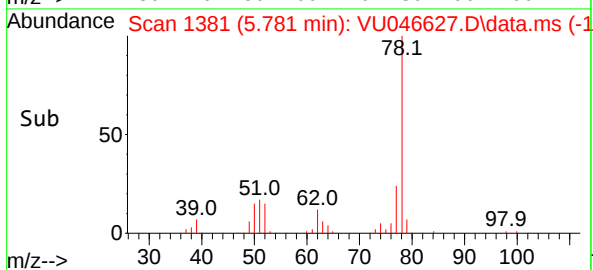
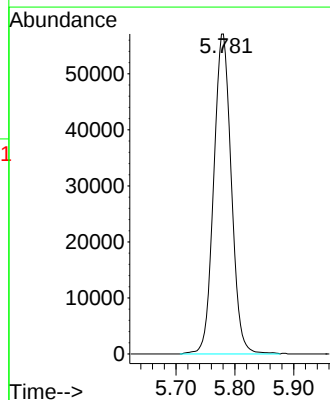
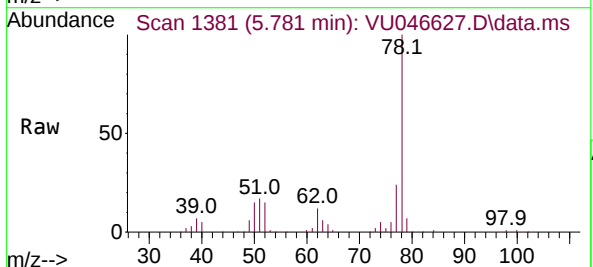
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

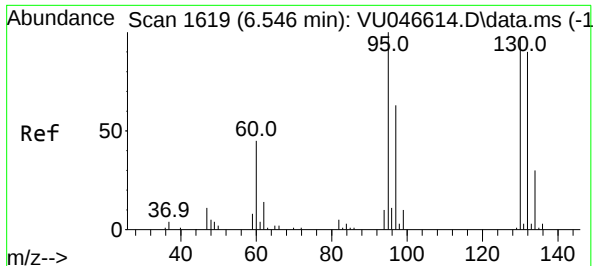
Tgt Ion:117 Resp: 46637
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 4.702 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion: 78 Resp: 118779

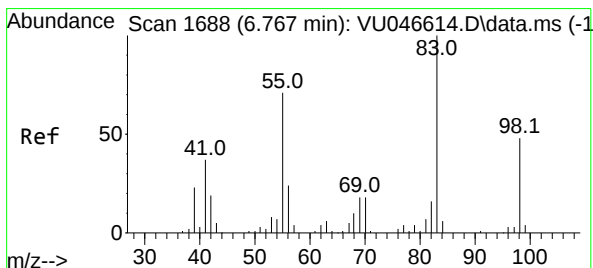
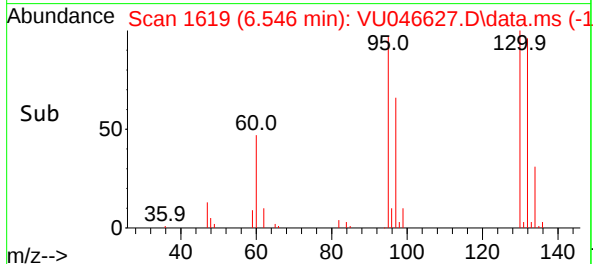
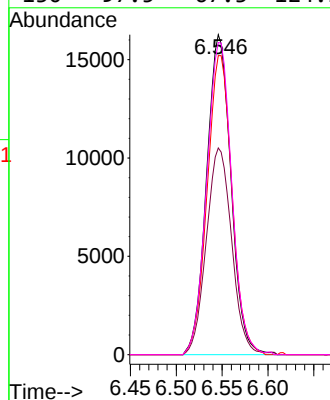
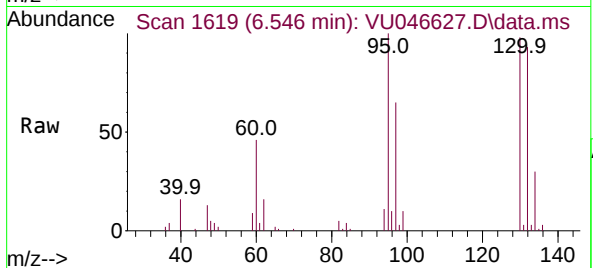




#34
Trichloroethene
Concen: 4.523 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

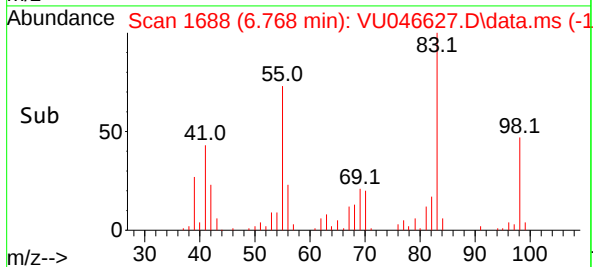
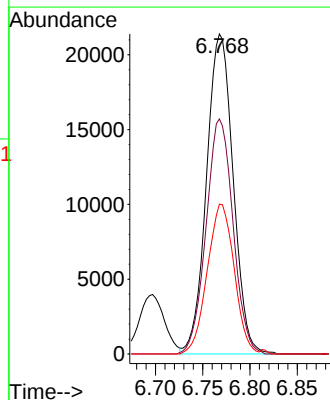
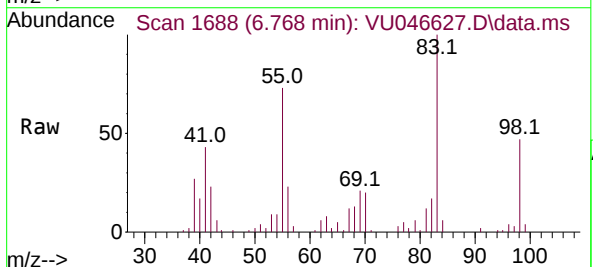
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

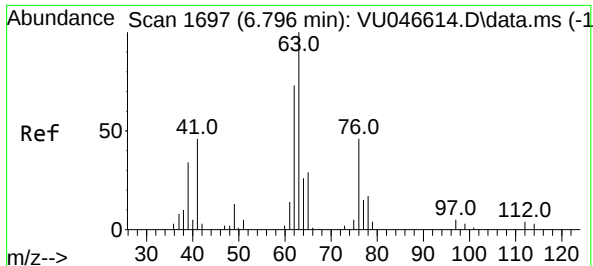
Tgt Ion: 95 Resp: 30117
Ion Ratio Lower Upper
95 100
97 64.6 46.5 86.5
132 93.4 65.1 120.9
130 97.5 67.3 124.9



#35
Methylcyclohexane
Concen: 4.470 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion: 83 Resp: 41963
Ion Ratio Lower Upper
83 100
55 74.2 61.9 92.9
98 47.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.198 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

Instrument :

MSVOA_U

ClientSampleId :

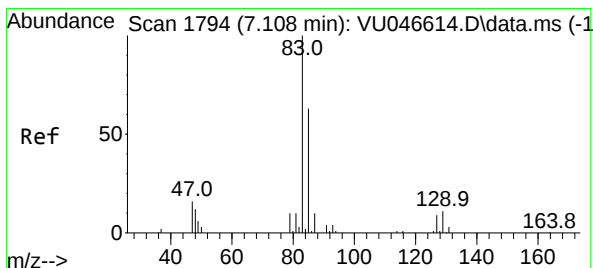
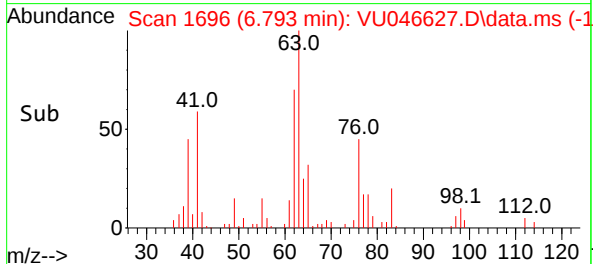
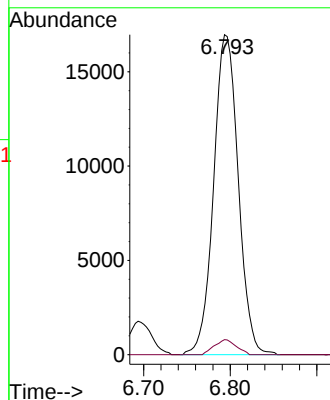
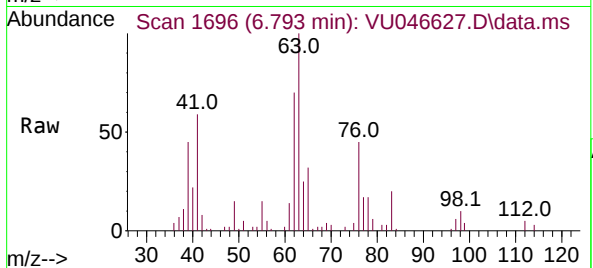
VSTD005149

Tgt Ion: 63 Resp: 33493

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 5.314 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

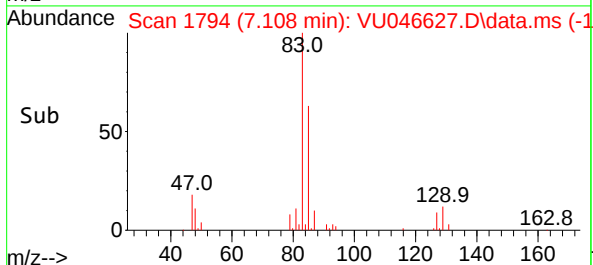
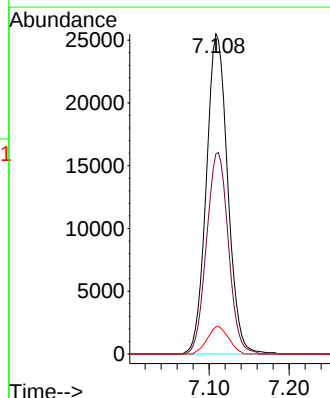
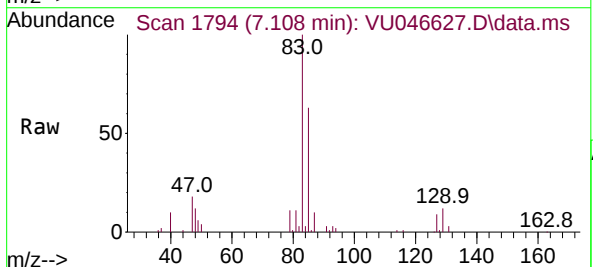
Tgt Ion: 83 Resp: 47391

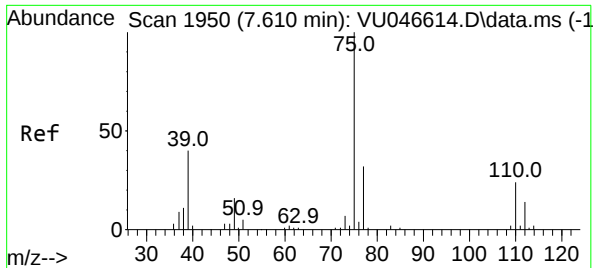
Ion Ratio Lower Upper

83 100

85 62.6 44.0 81.8

127 8.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.687 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

Instrument :

MSVOA_U

ClientSampleId :

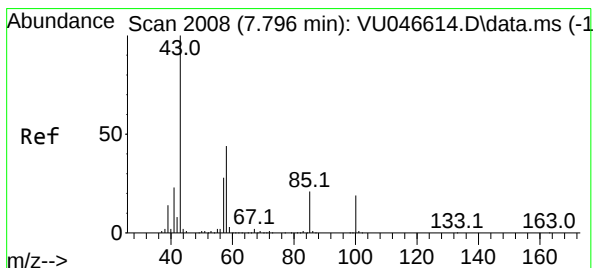
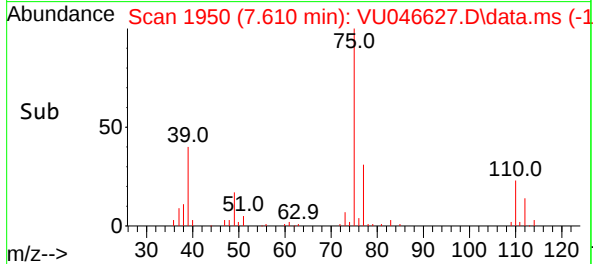
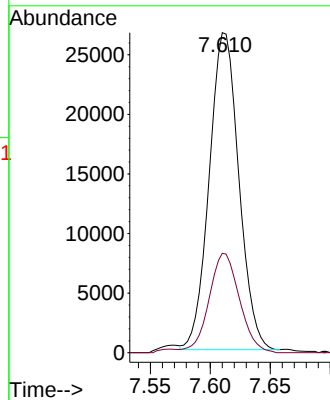
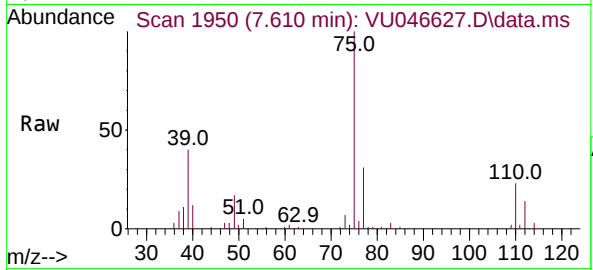
VSTD005149

Tgt Ion: 75 Resp: 45714

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.733 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

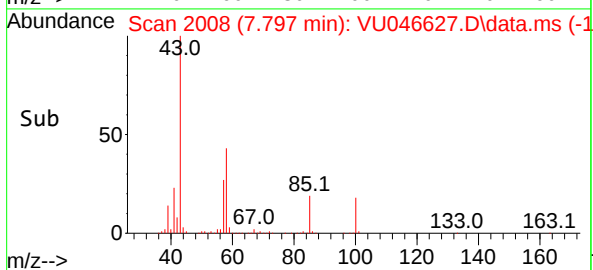
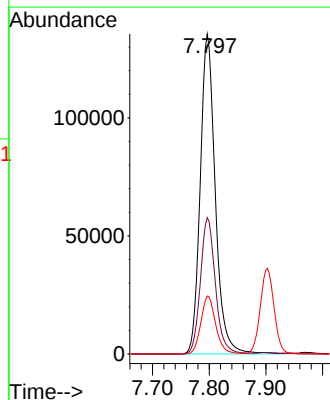
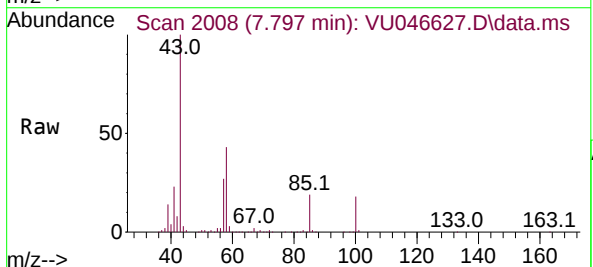
Tgt Ion: 43 Resp: 250212

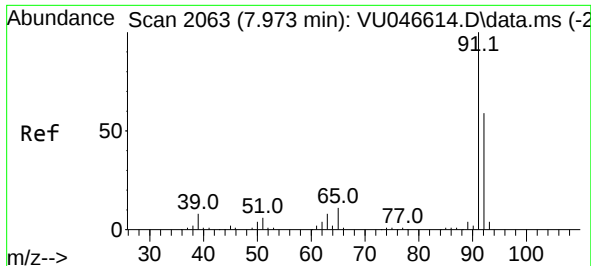
Ion Ratio Lower Upper

43 100

58 42.4 33.1 49.7

100 17.8 13.2 19.8





#42

Toluene

Concen: 5.009 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

Instrument :

MSVOA_U

ClientSampleId :

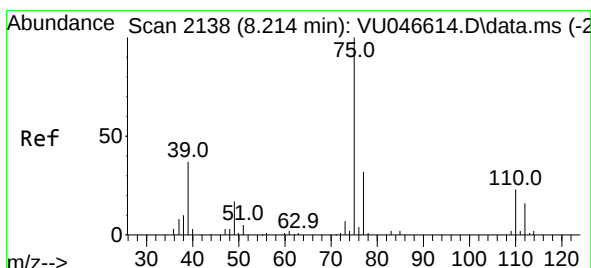
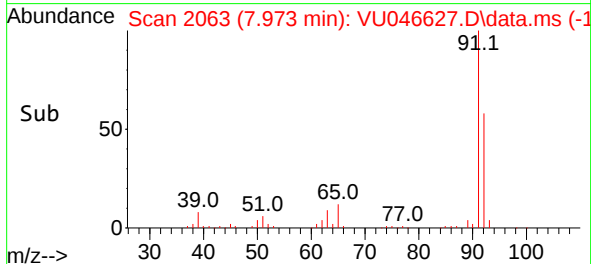
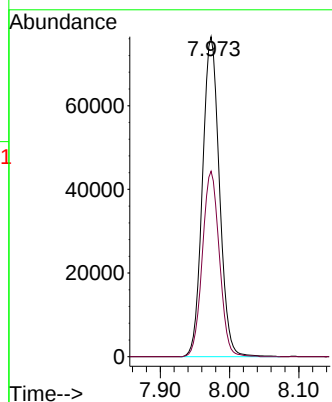
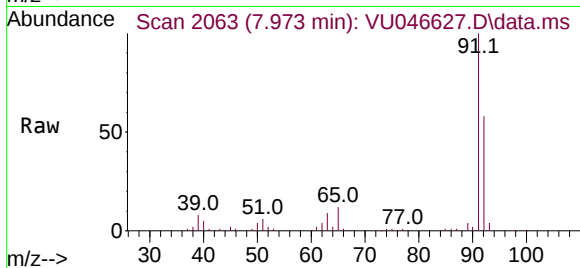
VSTD005149

Tgt Ion: 91 Resp: 129856

Ion Ratio Lower Upper

91 100

92 58.0 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.062 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU046627.D

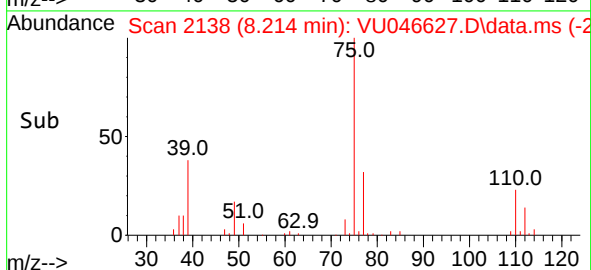
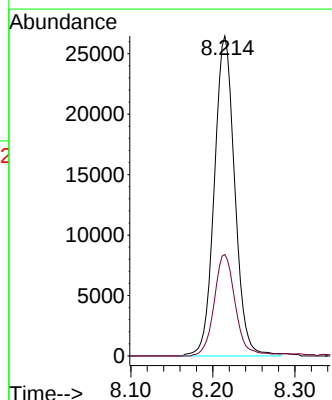
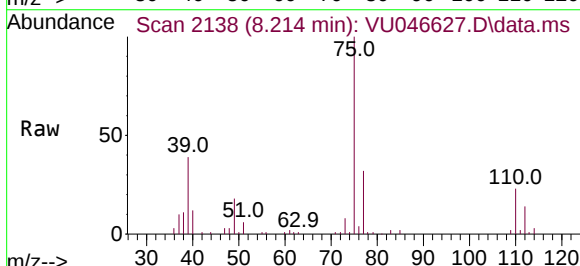
Acq: 29 Dec 2021 09:58

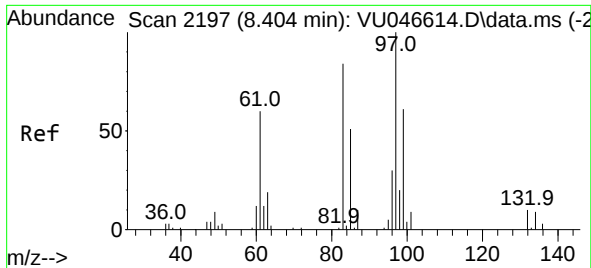
Tgt Ion: 75 Resp: 45757

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.3

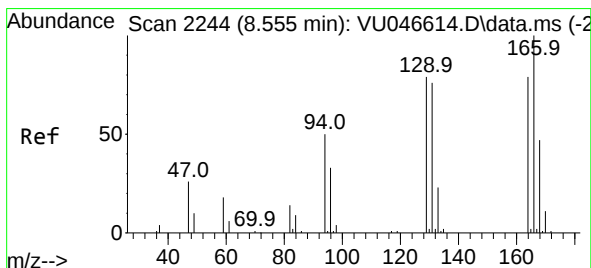
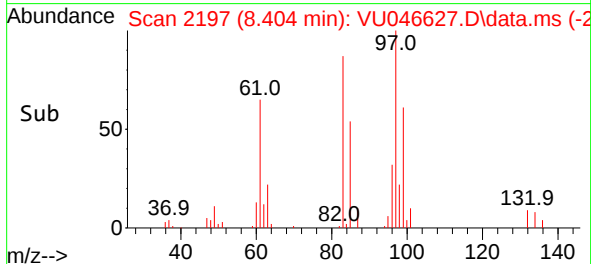
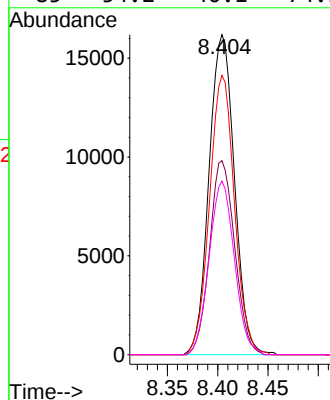
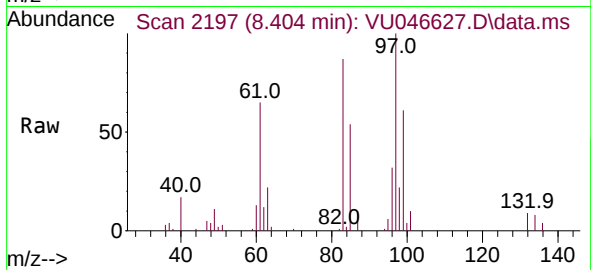




#45
1,1,2-Trichloroethane
Concen: 5.122 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

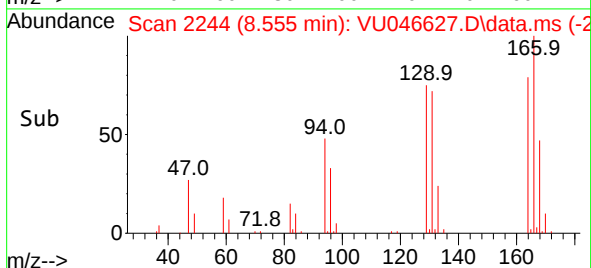
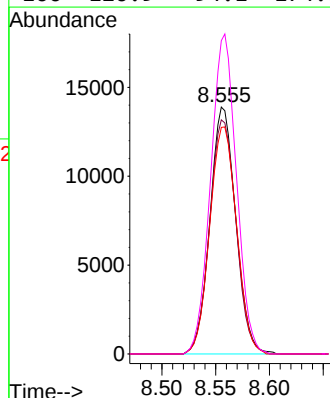
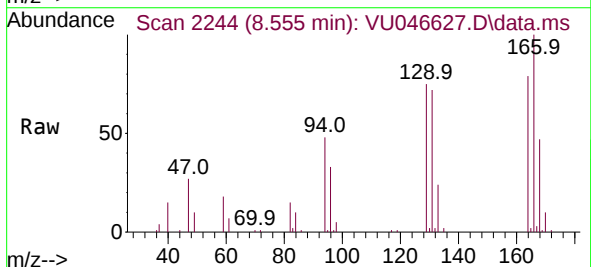
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

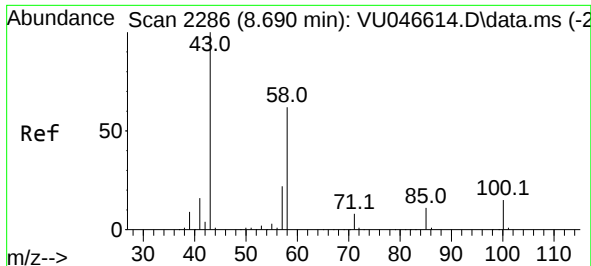
Tgt Ion: 97	Resp:	28460	
Ion	Ratio	Lower	Upper
97	100		
99	60.6	42.3	78.5
83	87.3	62.0	115.2
85	54.2	40.1	74.5



#47
Tetrachloroethene
Concen: 4.932 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt	Ion:164	Resp:	23239
Ion	Ratio	Lower	Upper
164	100		
129	94.8	71.8	133.4
131	91.7	68.5	127.3
166	126.9	94.1	174.8

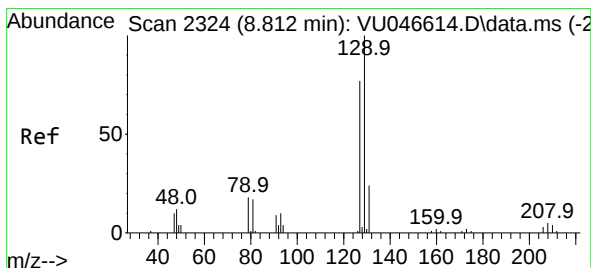
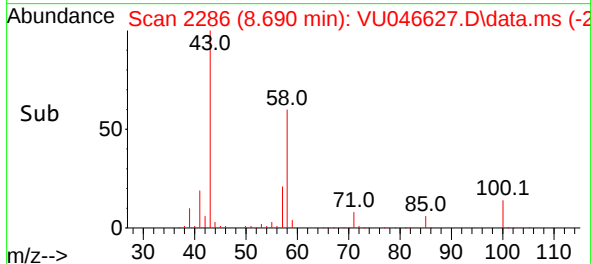
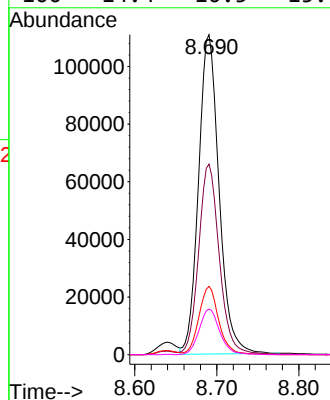
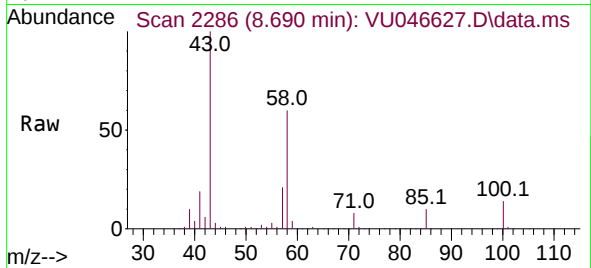




#48
2-Hexanone
Concen: 53.371 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

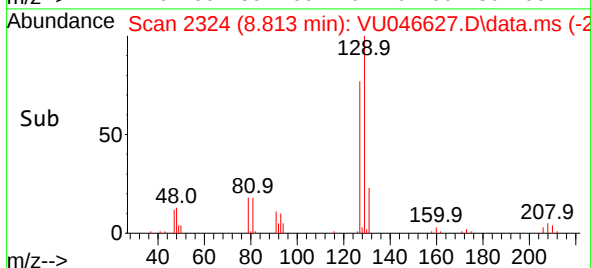
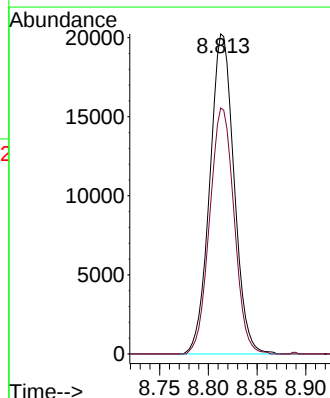
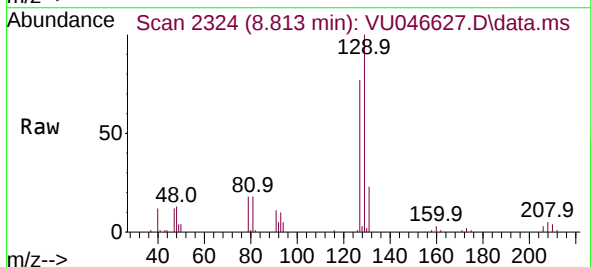
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

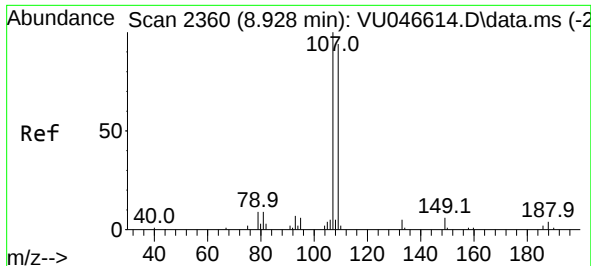
Tgt Ion:	43	Resp:	192781
Ion	Ratio	Lower	Upper
43	100		
58	60.5	46.7	70.1
57	20.9	16.3	24.5
100	14.4	10.5	15.7



#49
Dibromochloromethane
Concen: 5.475 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion:	129	Resp:	35091
Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.4	102.8

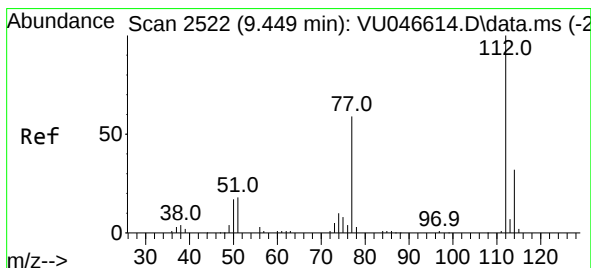
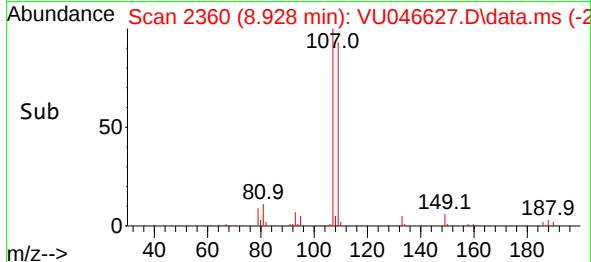
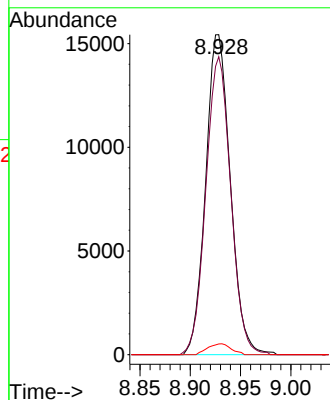
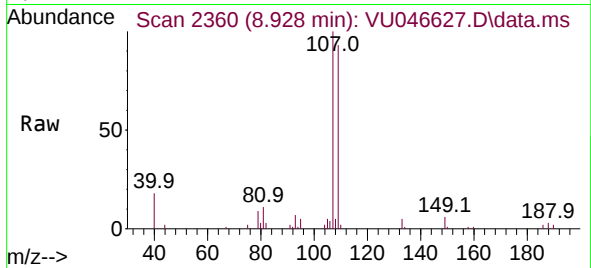




#50
1,2-Dibromoethane
Concen: 4.918 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

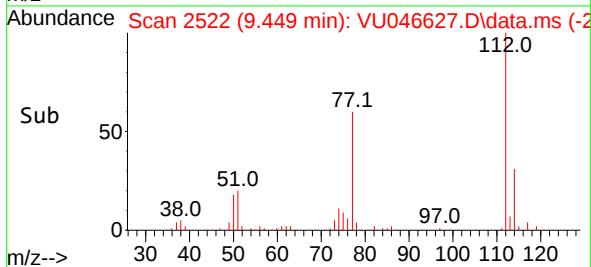
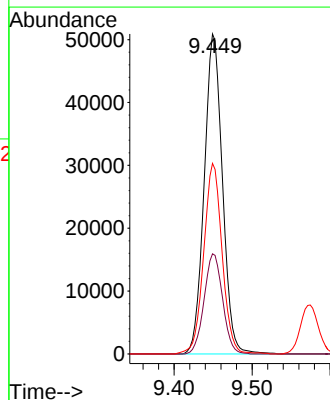
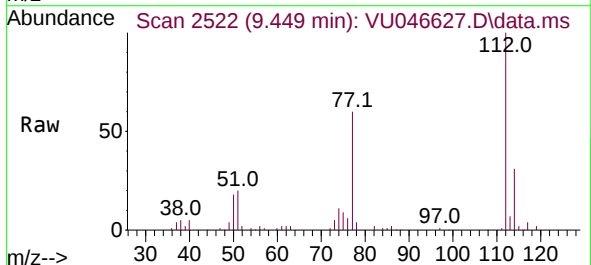
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

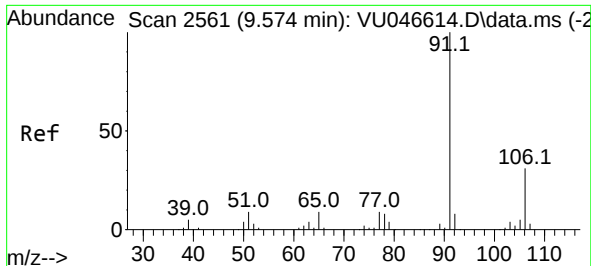
Tgt Ion:107 Resp: 26380
Ion Ratio Lower Upper
107 100
109 93.1 64.0 119.0
188 3.3 2.4 3.6



#51
Chlorobenzene
Concen: 4.997 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion:112 Resp: 82818
Ion Ratio Lower Upper
112 100
114 31.3 22.1 41.1
77 59.6 48.3 72.5

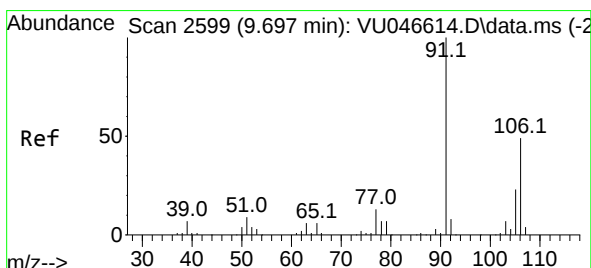
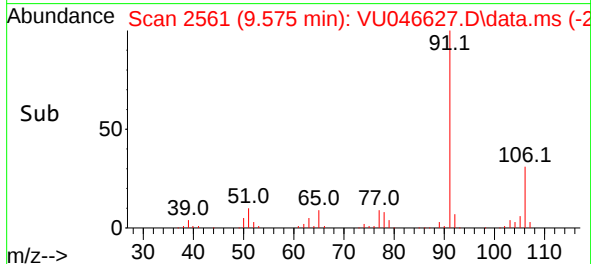
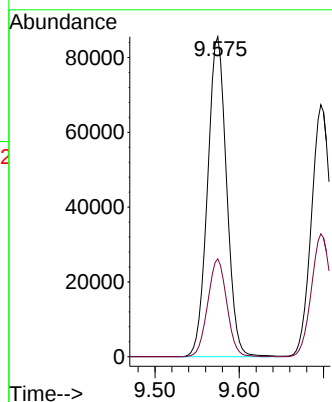
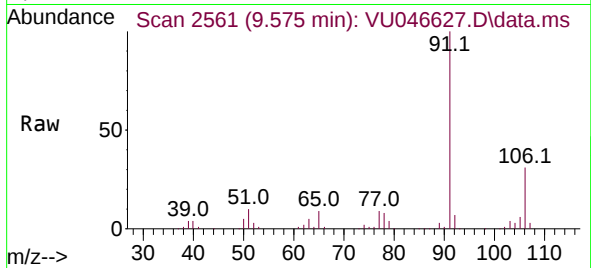




#52
Ethylbenzene
Concen: 5.008 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

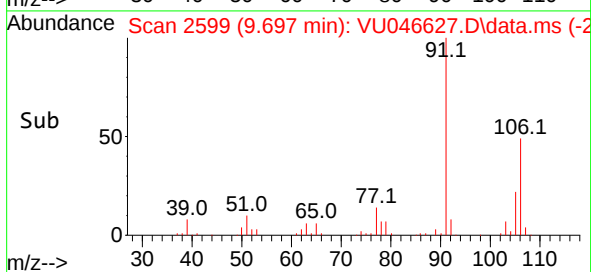
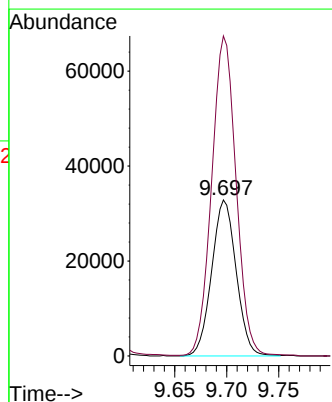
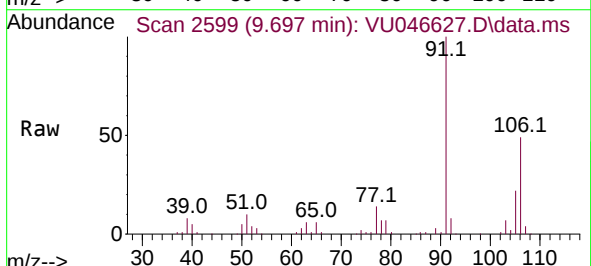
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

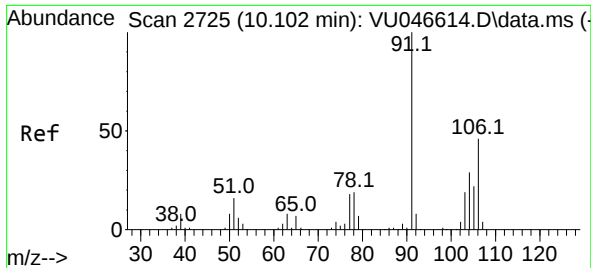
Tgt Ion: 91 Resp: 134396
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.238 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion: 106 Resp: 53851
Ion Ratio Lower Upper
106 100
91 205.2 139.4 259.0

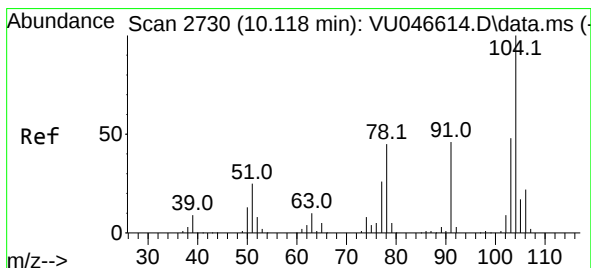
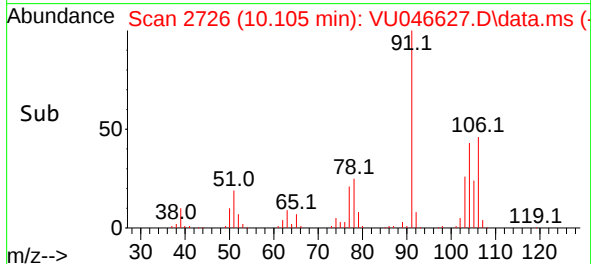
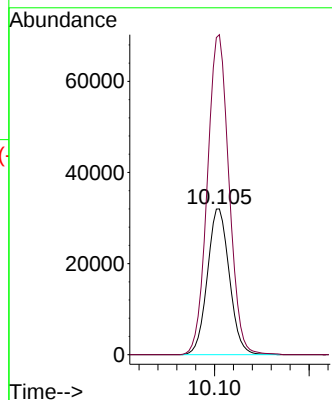
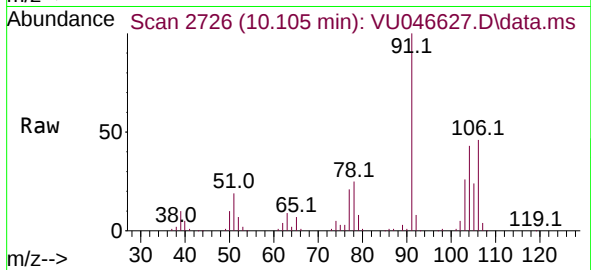




#54
o-Xylene
Concen: 5.228 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

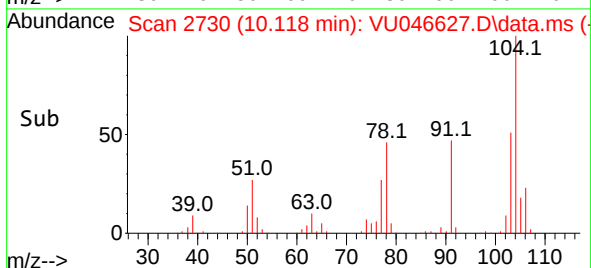
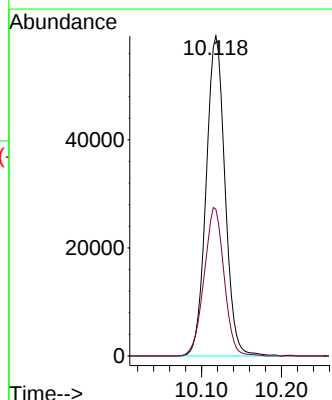
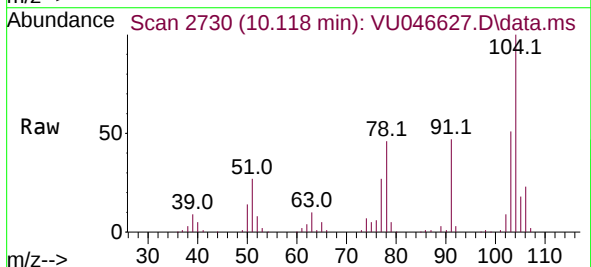
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

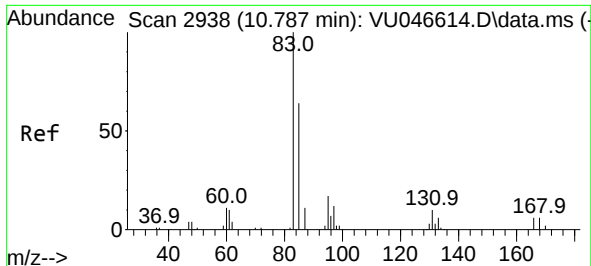
Tgt Ion:106 Resp: 51650
Ion Ratio Lower Upper
106 100
91 219.6 147.5 273.9



#55
Styrene
Concen: 5.667 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion:104 Resp: 97101
Ion Ratio Lower Upper
104 100
78 45.9 33.0 61.4

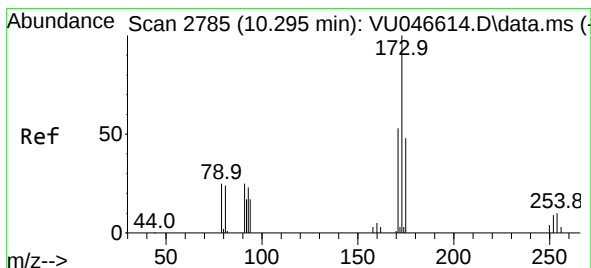
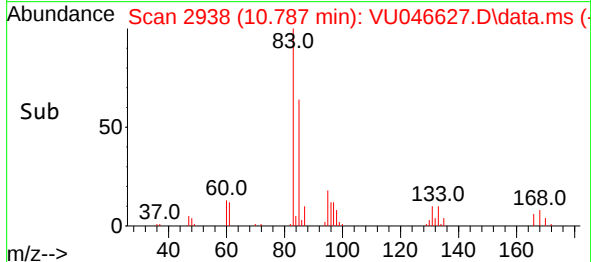
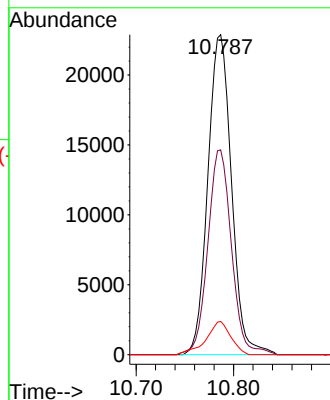
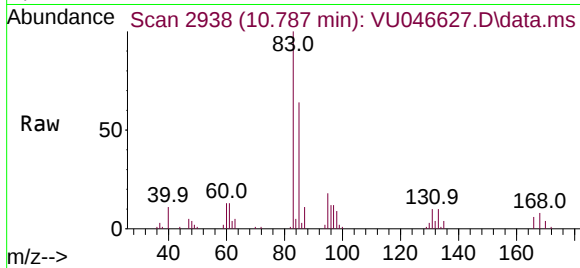




#57
1,1,2,2-Tetrachloroethane
Concen: 5.315 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

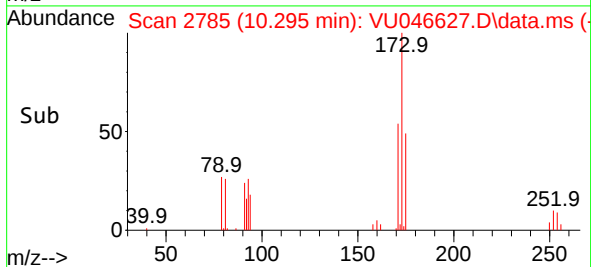
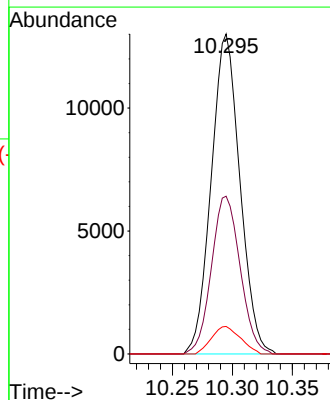
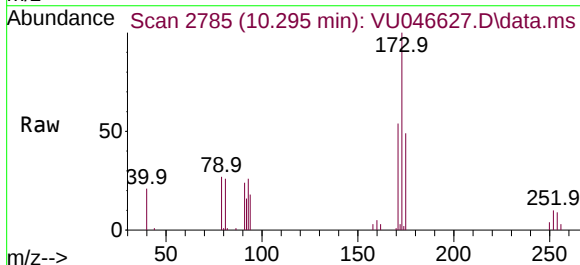
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

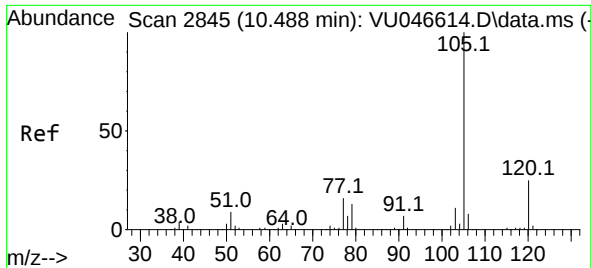
Tgt Ion: 83 Resp: 38593
Ion Ratio Lower Upper
83 100
85 64.0 47.9 89.1
131 10.4 8.1 12.1



#59
Bromoform
Concen: 5.096 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion: 173 Resp: 21627
Ion Ratio Lower Upper
173 100
175 49.4 37.8 56.6
254 8.7 7.3 10.9

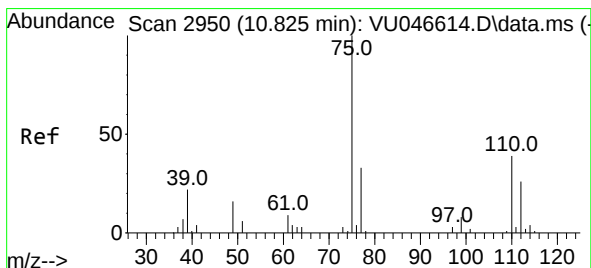
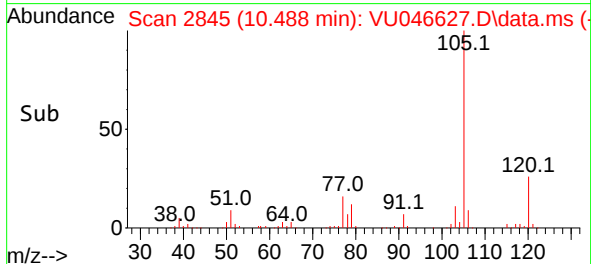
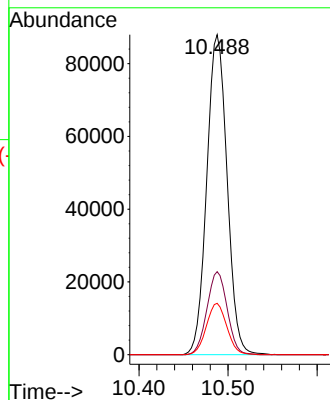
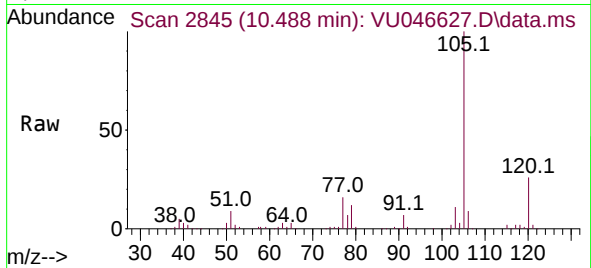




#60
Isopropylbenzene
Concen: 4.914 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

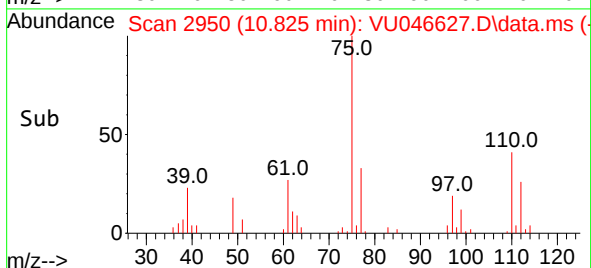
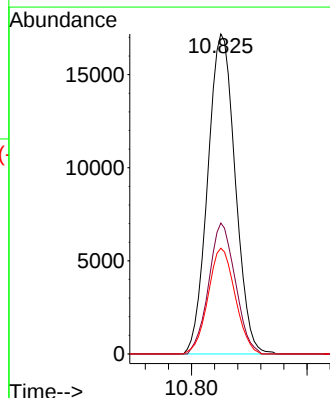
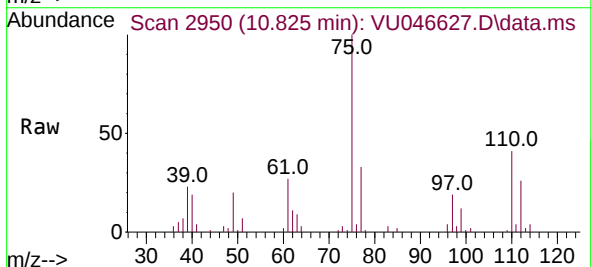
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

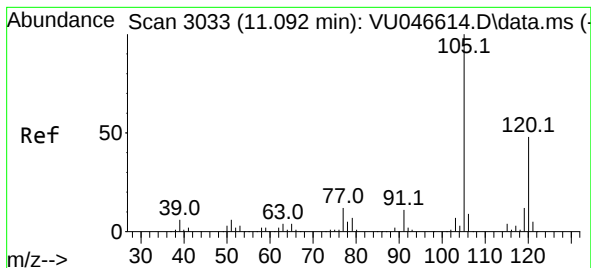
Tgt Ion:105 Resp: 139216
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.646 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion: 75 Resp: 28345
Ion Ratio Lower Upper
75 100
110 39.5 29.9 44.9
77 32.6 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.636 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

Instrument :

MSVOA_U

ClientSampleId :

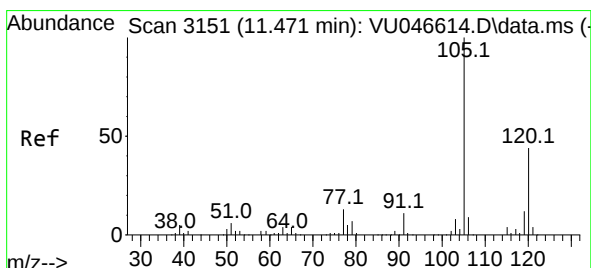
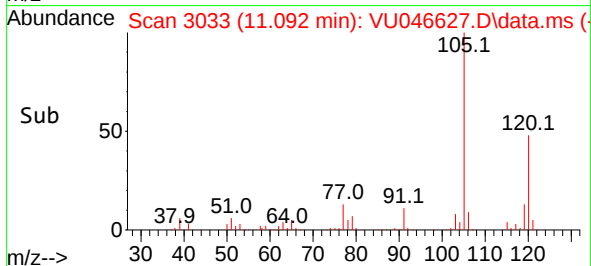
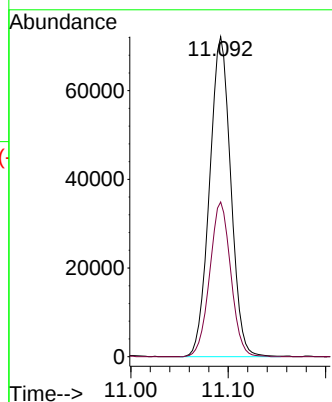
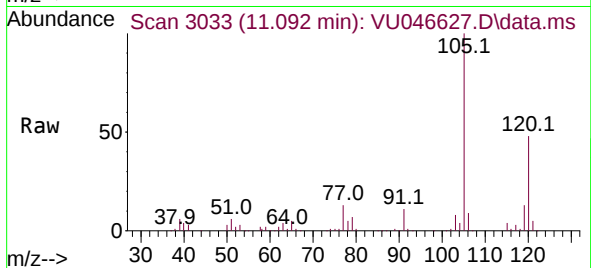
VSTD005149

Tgt Ion:105 Resp: 109231

Ion Ratio Lower Upper

105 100

120 47.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 4.908 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU046627.D

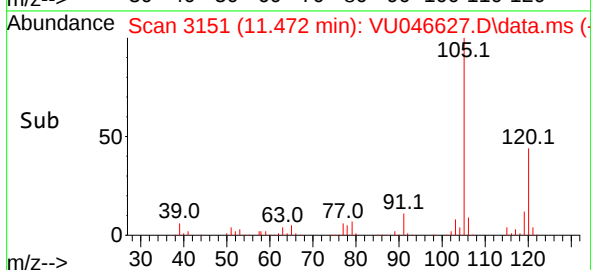
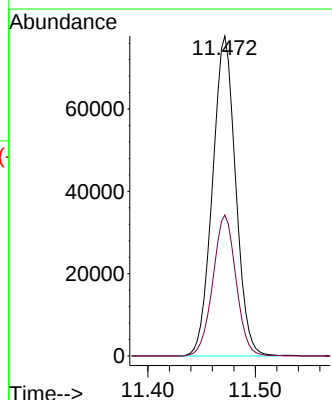
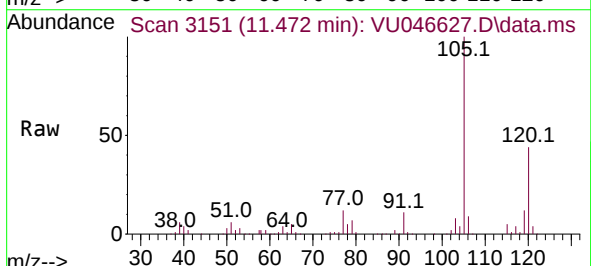
Acq: 29 Dec 2021 09:58

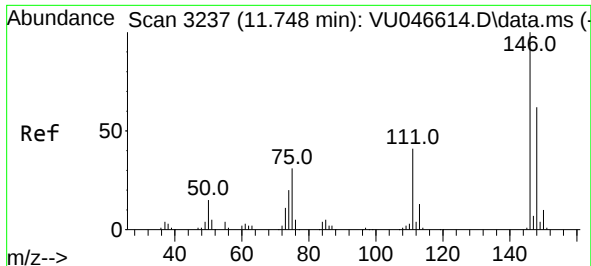
Tgt Ion:105 Resp: 116450

Ion Ratio Lower Upper

105 100

120 44.0 35.8 53.8

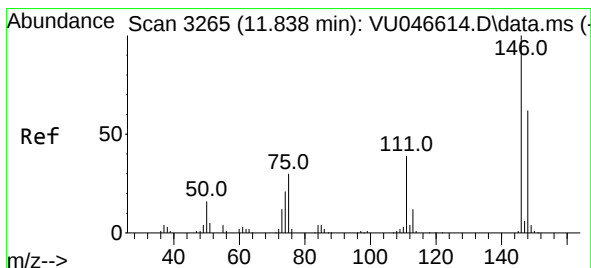
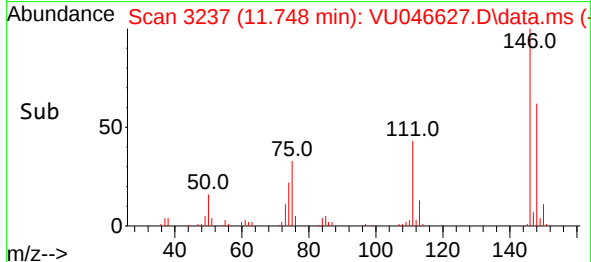
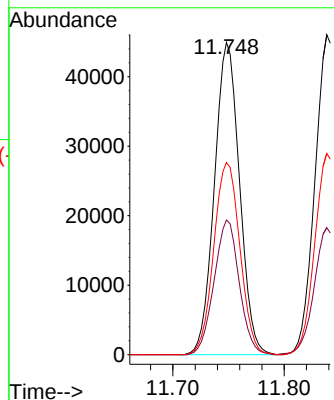
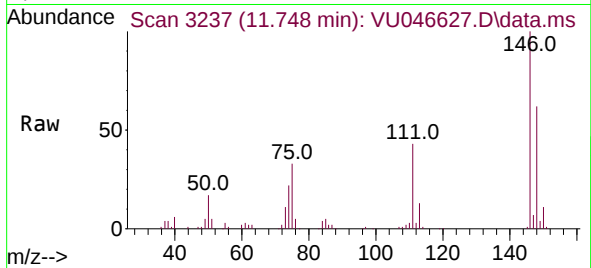




#64
1,3-Dichlorobenzene
Concen: 5.109 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

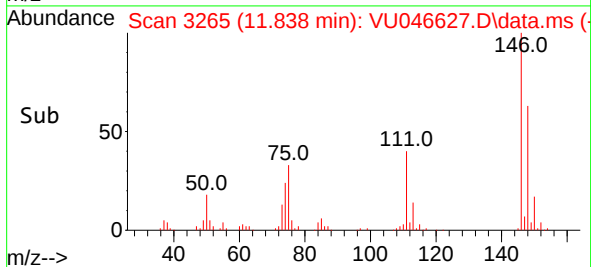
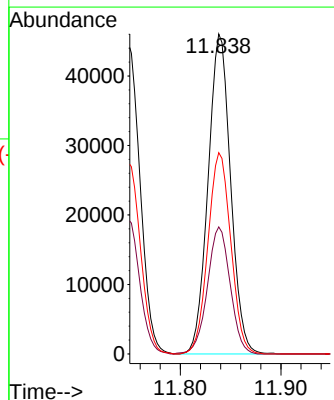
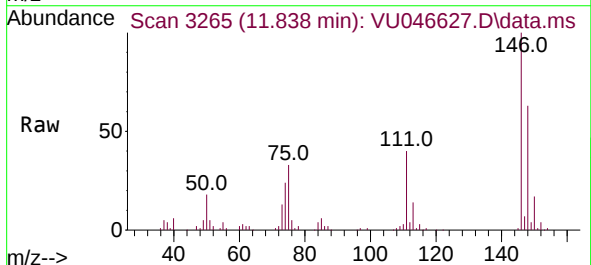
Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

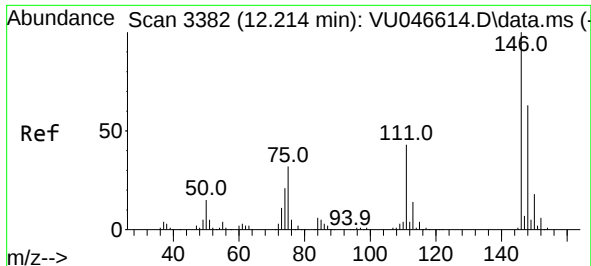
Tgt Ion:146 Resp: 70359
Ion Ratio Lower Upper
146 100
111 43.1 29.9 55.5
148 61.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.079 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion:146 Resp: 71612
Ion Ratio Lower Upper
146 100
111 39.7 28.7 53.3
148 62.9 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.016 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD005149

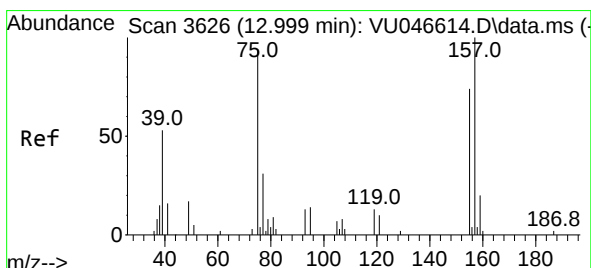
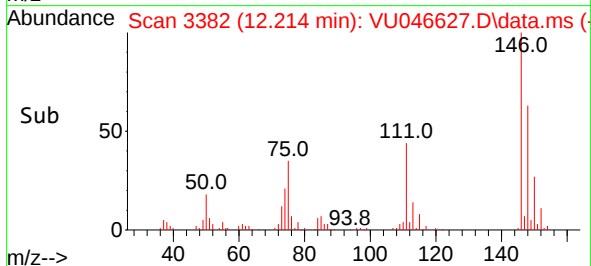
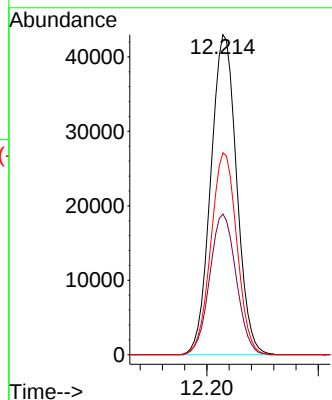
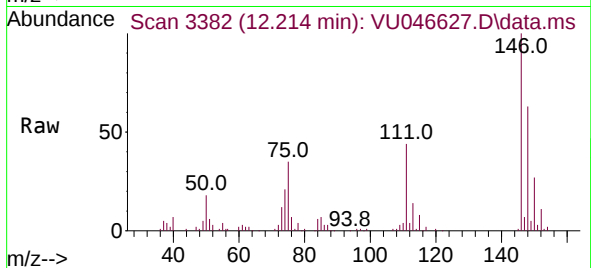
Tgt Ion:146 Resp: 69291

Ion Ratio Lower Upper

146 100

111 44.0 35.4 53.0

148 63.1 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.259 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046627.D

Acq: 29 Dec 2021 09:58

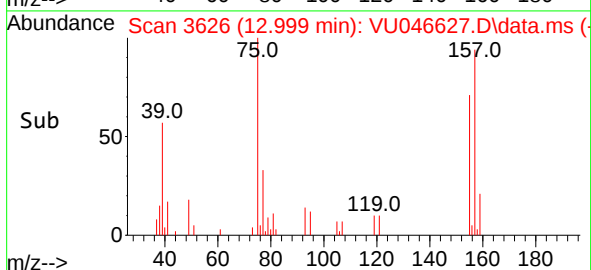
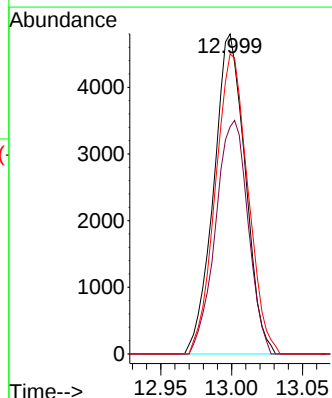
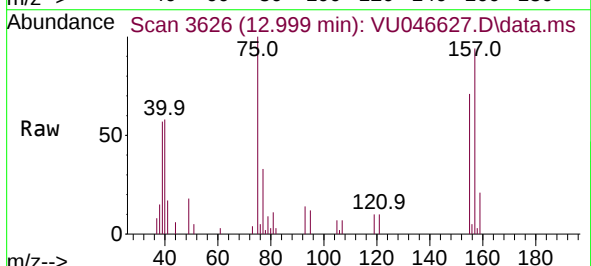
Tgt Ion: 75 Resp: 7427

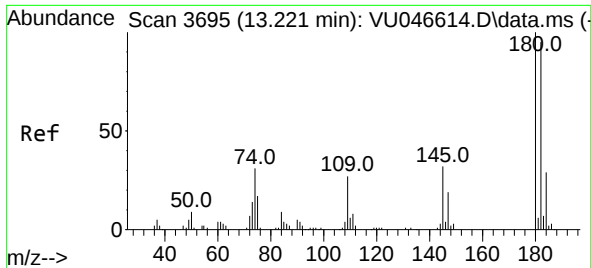
Ion Ratio Lower Upper

75 100

155 71.0 59.2 88.8

157 93.8 76.5 114.7

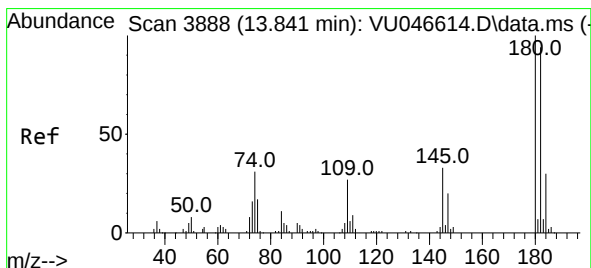
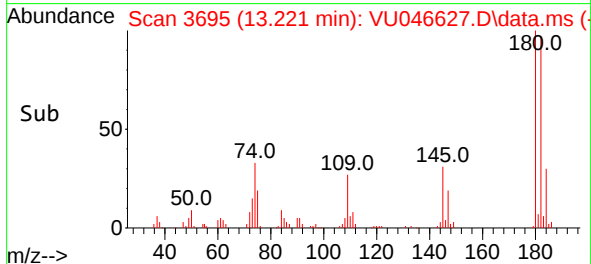
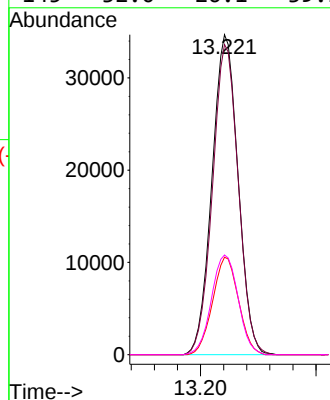
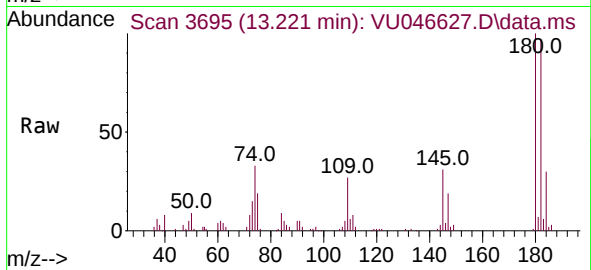




#69
 1,3,5-Trichlorobenzene
 Concen: 5.203 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046627.D
 Acq: 29 Dec 2021 09:58

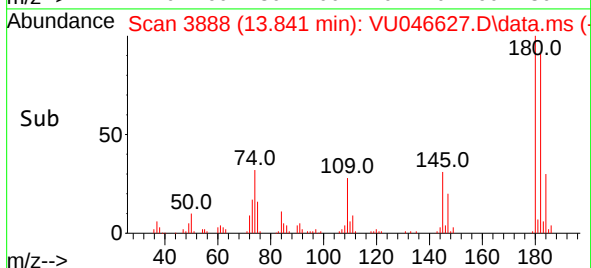
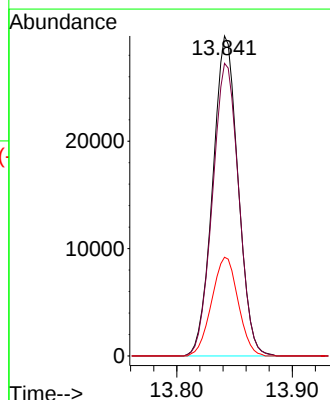
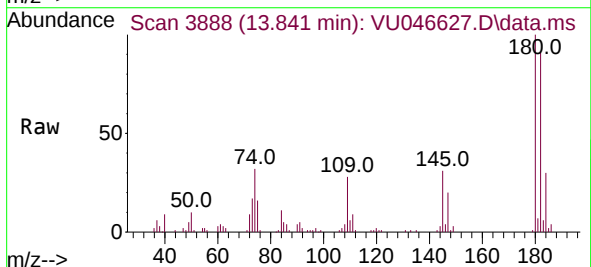
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

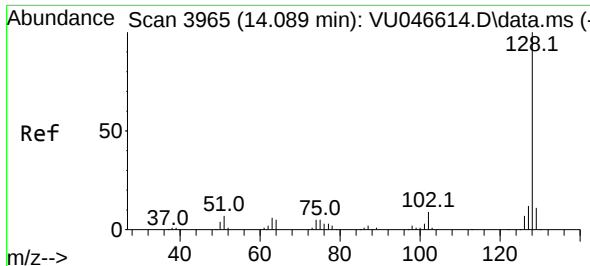
Tgt Ion:	180	Resp:	54234
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.1	114.1
184	30.3	25.0	37.4
145	32.0	26.1	39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.150 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046627.D
 Acq: 29 Dec 2021 09:58

Tgt Ion:	180	Resp:	45466
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.4	114.6
145	32.1	25.6	38.4

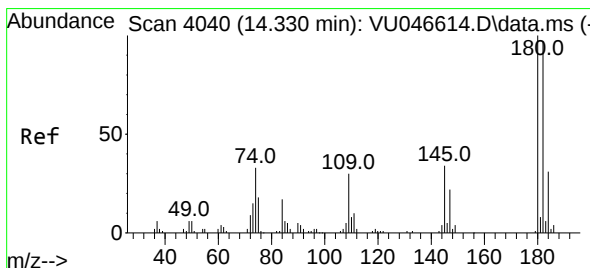
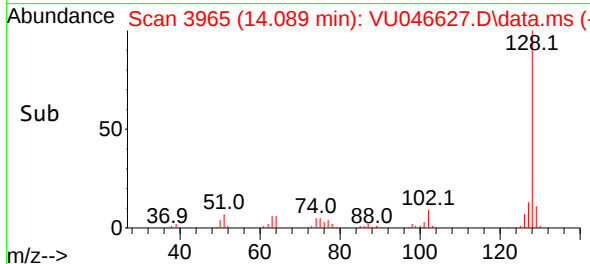
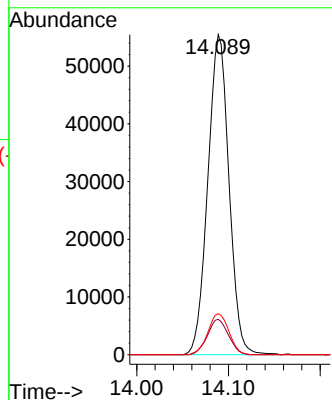
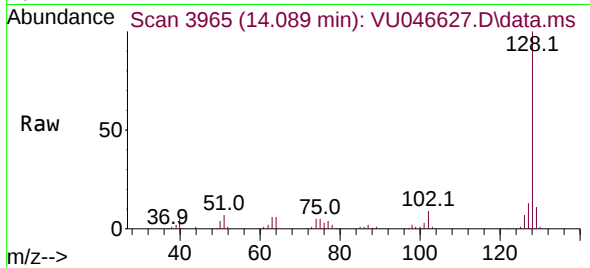




#71
Naphthalene
Concen: 4.534 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD005149

Tgt Ion:128	Resp:	88900
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.4 12.6
127	12.8	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.108 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU046627.D
Acq: 29 Dec 2021 09:58

Tgt Ion:180	Resp:	44646
Ion Ratio	Lower	Upper
180	100	
182	97.0	76.2 114.4
145	34.4	28.4 42.6

