

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049906.D
 Acq On : 26 Jul 2022 10:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005131

Quant Time: Jul 27 03:51:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89866	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34999	4.811	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.912	69	29967	4.922	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.565	65	14754	4.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	4.642	46	142913	54.594	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.180%	
24) Chloroform-d	5.063	84	78551	4.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.703	65	44231	4.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.729	84	136031	4.482	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
36) 1,2-Dichloropropane-d6	6.690	67	48017	4.580	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.899	98	116614	4.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	8.179	79	16724	4.393	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.636	63	76908	50.986	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.980%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44088	5.007	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	41935	4.676	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	59998	6.324	ug/L	97
3) Chloromethane	1.520	50	58636	5.023	ug/L	94
5) Vinyl chloride	1.601	62	55683	5.706	ug/L	100
6) Bromomethane	1.858	94	28755	5.448	ug/L	99
8) Chloroethane	1.932	64	30740	5.466	ug/L	99
9) Trichlorofluoromethane	2.137	101	76105	6.343	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	40319	6.871	ug/L	98
12) 1,1-Dichloroethene	2.578	96	35216	5.931	ug/L	86
13) Acetone	2.658	43	84661	53.769	ug/L	98
14) Carbon disulfide	2.790	76	101922	5.548	ug/L	97
15) Methyl Acetate	2.961	43	19537	4.977	ug/L	96
16) Methylene chloride	3.044	84	46703	3.487	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	98397	5.115	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	36039	5.251	ug/L	90
19) 1,1-Dichloroethane	3.871	63	79809	5.380	ug/L	97
21) 2-Butanone	4.723	43	150373	56.311	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	41959	5.278	ug/L	97
23) Bromochloromethane	4.977	128	19718	5.553	ug/L	96
25) Chloroform	5.089	83	82147	5.220	ug/L	98

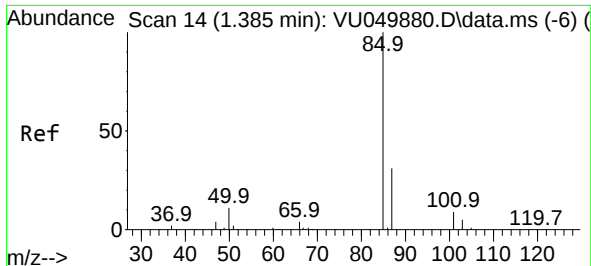
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 Data File : VU049906.D
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005131

Quant Time: Jul 27 03:51:39 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	56900	5.264	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	70580	5.645	ug/L	98
30) Cyclohexane	5.388	56	62670	6.190	ug/L	100
31) Carbon tetrachloride	5.526	117	58246	5.737	ug/L	97
33) Benzene	5.774	78	174701	5.405	ug/L	100
34) Trichloroethene	6.542	95	43846	5.596	ug/L	98
35) Methylcyclohexane	6.764	83	58700	6.074	ug/L	98
37) 1,2-Dichloropropane	6.793	63	47410	5.147	ug/L	100
38) Bromodichloromethane	7.105	83	60310	5.241	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	61932	5.102	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	340120	52.939	ug/L	99
42) Toluene	7.970	91	174171	5.388	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	52836	5.042	ug/L	93
45) 1,1,2-Trichloroethane	8.401	97	33684	5.124	ug/L	99
47) Tetrachloroethene	8.552	164	30822	5.714	ug/L	97
48) 2-Hexanone	8.687	43	261342	54.501	ug/L	99
49) Dibromochloromethane	8.809	129	38954	5.302	ug/L	92
50) 1,2-Dibromoethane	8.925	107	31306	5.363	ug/L	97
51) Chlorobenzene	9.446	112	107732	5.250	ug/L	99
52) Ethylbenzene	9.571	91	178235	5.363	ug/L	99
53) m,p-Xylene	9.693	106	64043	5.238	ug/L	97
54) o-Xylene	10.102	106	65024	5.382	ug/L	98
55) Styrene	10.115	104	110414	5.395	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	44423	5.232	ug/L	97
59) Bromoform	10.291	173	21494	5.683	ug/L	96
60) Isopropylbenzene	10.484	105	172758	6.010	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	32444	5.604	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	139901	5.760	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	132147	5.605	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	79842	5.618	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	77028	5.478	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	77384	5.511	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	7009	5.412	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	57301	5.461	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	43931	4.987	ug/L	100
71) Naphthalene	14.086	128	77530	4.514	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	42859	5.062	ug/L	97

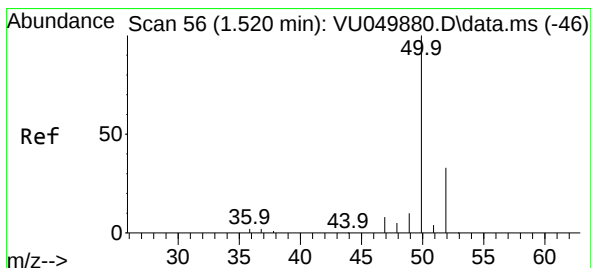
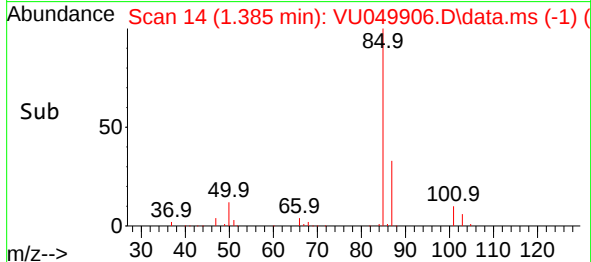
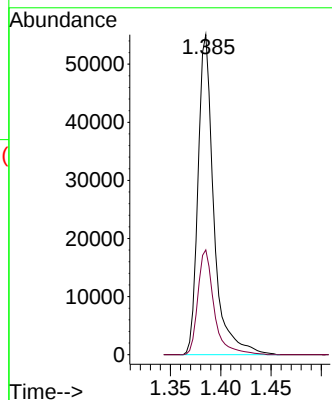
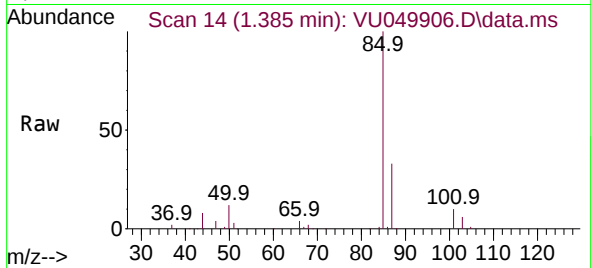
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#2
Dichlorodifluoromethane
Concen: 6.324 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

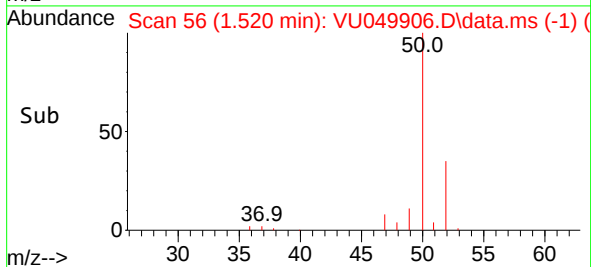
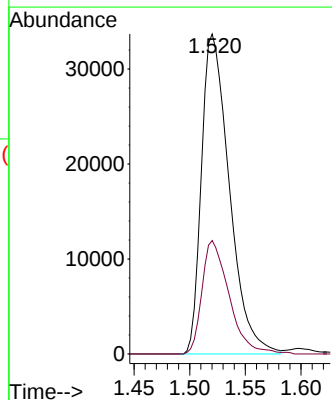
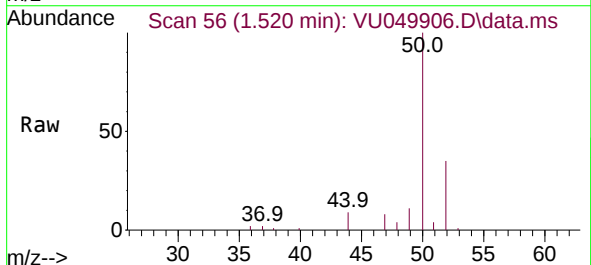
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MSVOA_U
ClientSampleId :
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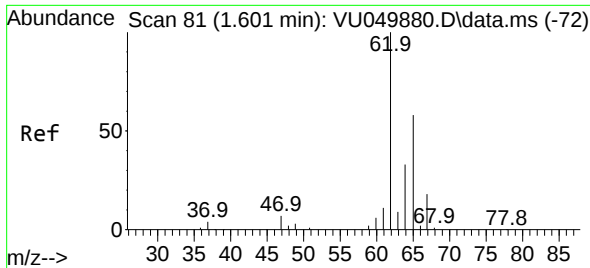
Tgt Ion: 85 Resp: 59998
Ion Ratio Lower Upper
85 100
87 33.7 25.4 38.2



#3
Chloromethane
Concen: 5.023 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion: 50 Resp: 58636
Ion Ratio Lower Upper
50 100
52 35.4 22.5 41.7

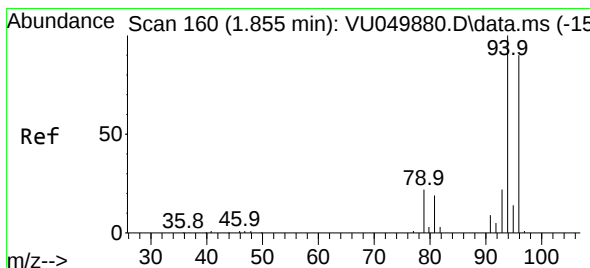
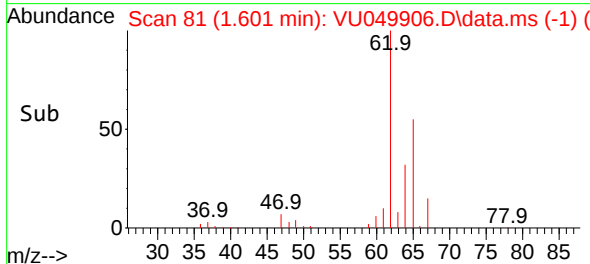
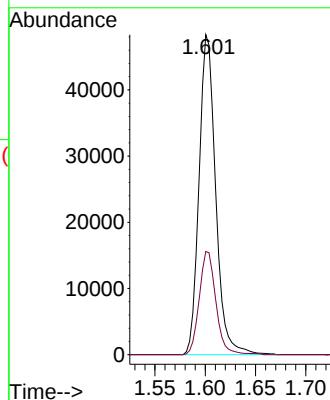
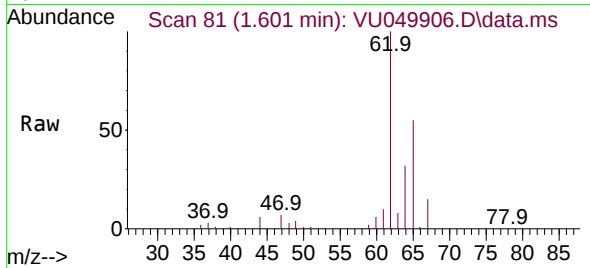




#5
 Vinyl chloride
 Concen: 5.706 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049906.D
 Acq: 26 Jul 2022 10:41

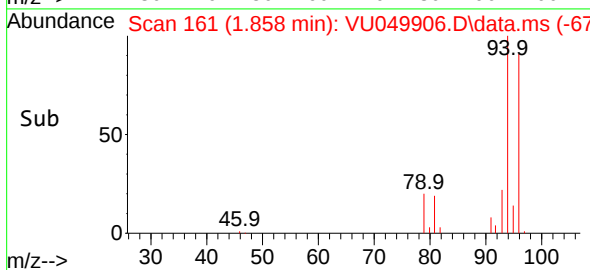
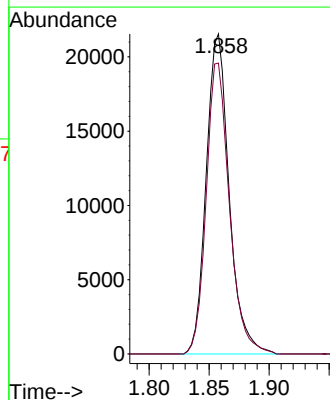
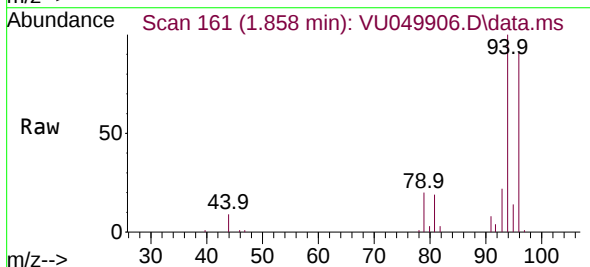
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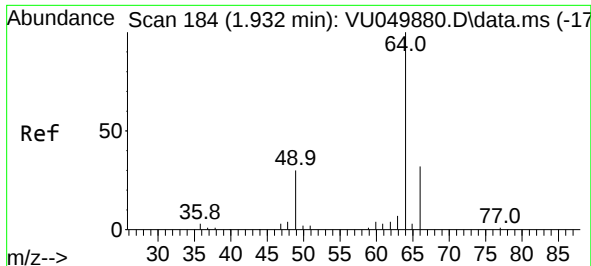
Tgt Ion: 62 Resp: 55683
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.7 42.3



#6
 Bromomethane
 Concen: 5.448 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU049906.D
 Acq: 26 Jul 2022 10:41

Tgt Ion: 94 Resp: 28755
 Ion Ratio Lower Upper
 94 100
 96 90.9 62.6 116.3

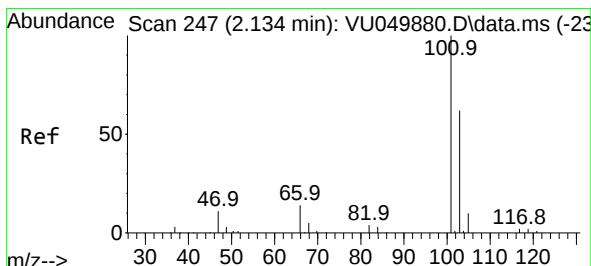
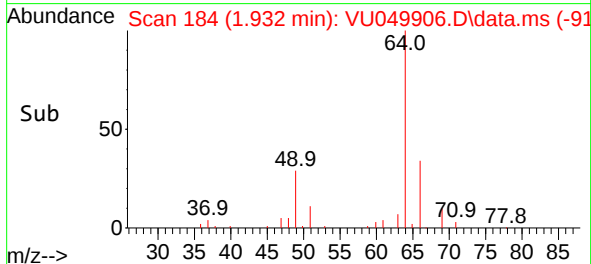
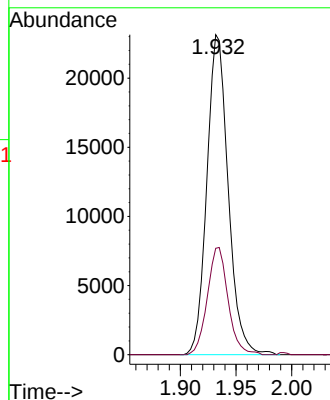
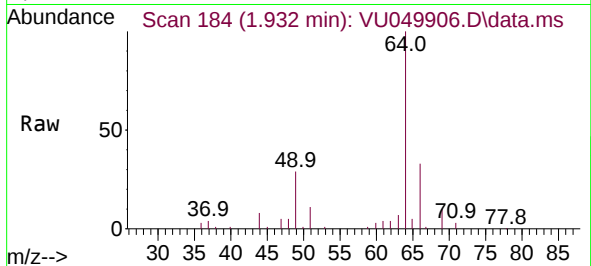




#8
Chloroethane
Concen: 5.466 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

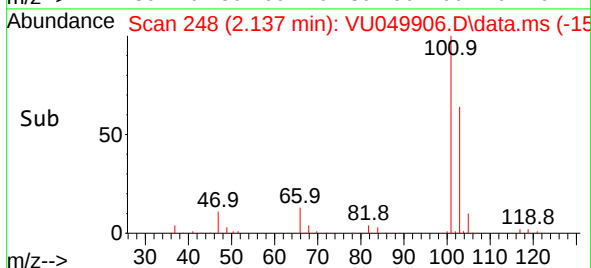
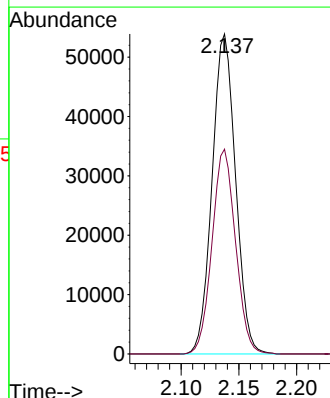
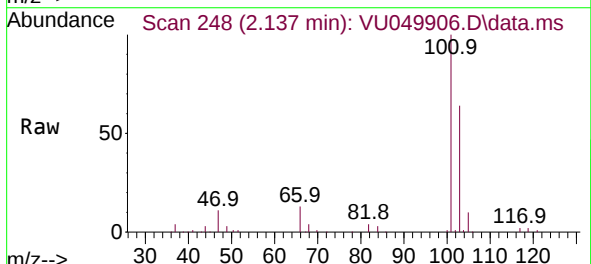
Instrument :
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ClientSampleId :
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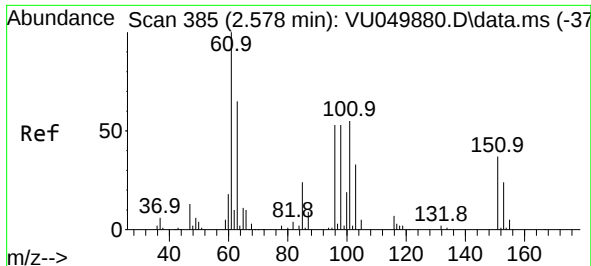
Tgt Ion: 64 Resp: 30740
Ion Ratio Lower Upper
64 100
66 33.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 6.343 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion:101 Resp: 76105
Ion Ratio Lower Upper
101 100
103 64.1 50.8 76.2

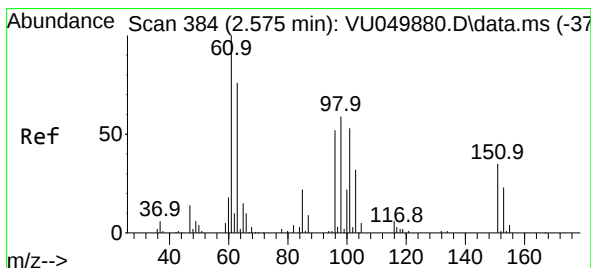
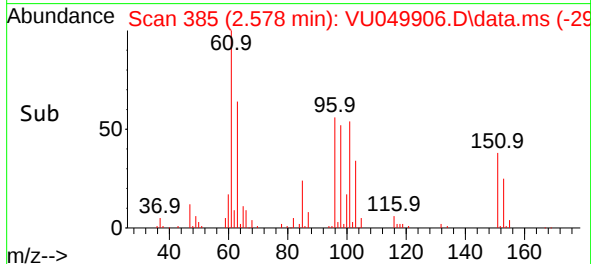
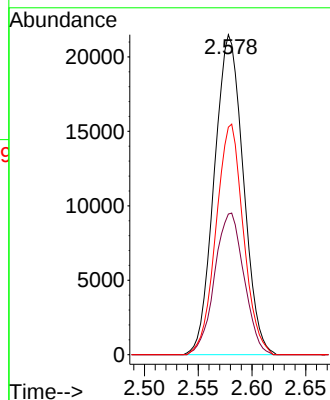
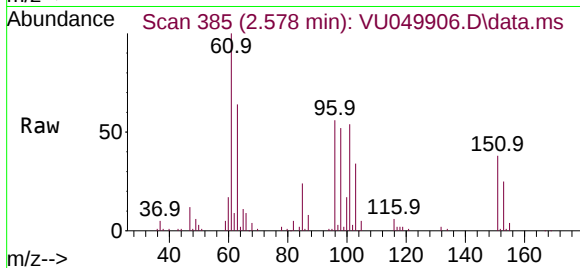




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.871 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

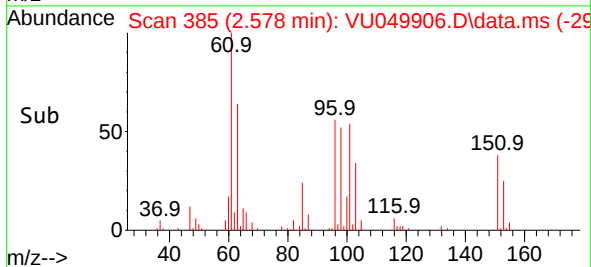
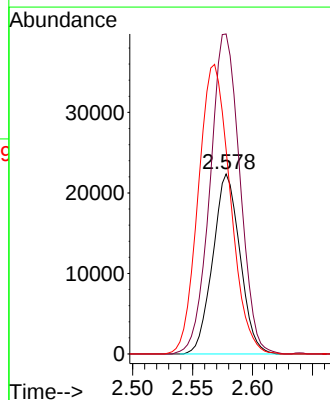
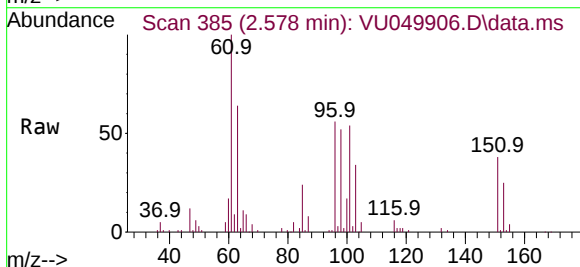
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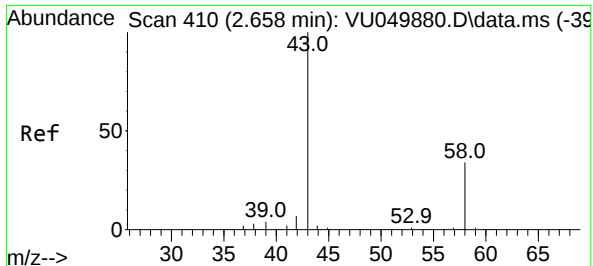
Tgt Ion:101 Resp: 40319
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 68.2 56.0 84.0



#12
1,1-Dichloroethene
Concen: 5.931 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion: 96 Resp: 35216
Ion Ratio Lower Upper
96 100
61 177.7 131.6 244.4
63 113.5 100.0 185.6





#13

Acetone

Concen: 53.769 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.000 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :

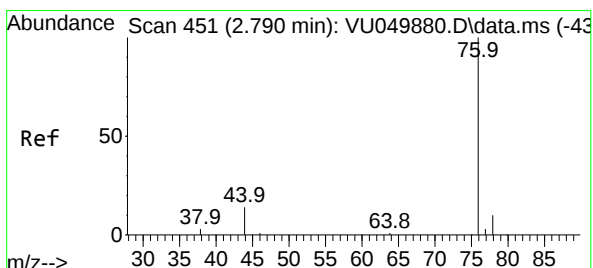
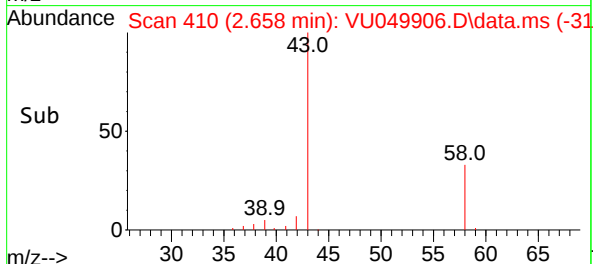
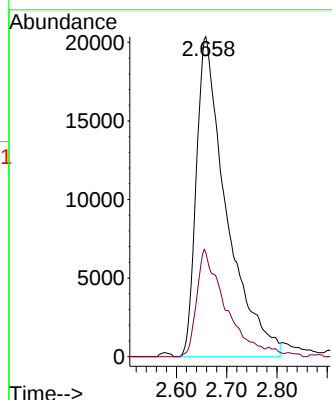
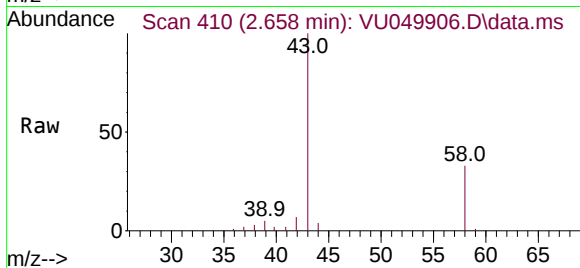
VSTD005131

Tgt Ion: 43 Resp: 84661

Ion Ratio Lower Upper

43 100

58 31.4 0.0 61.0



#14

Carbon disulfide

Concen: 5.548 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU049906.D

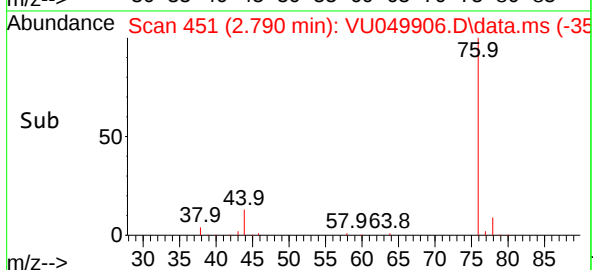
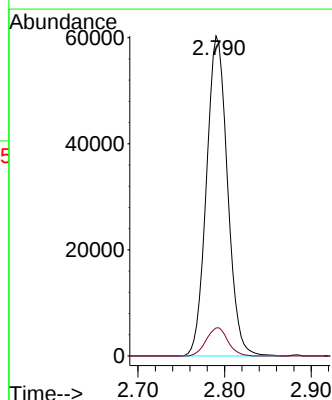
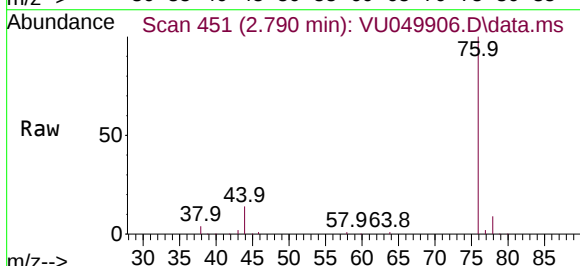
Acq: 26 Jul 2022 10:41

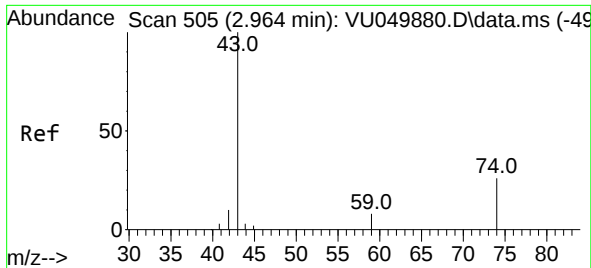
Tgt Ion: 76 Resp: 101922

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.6

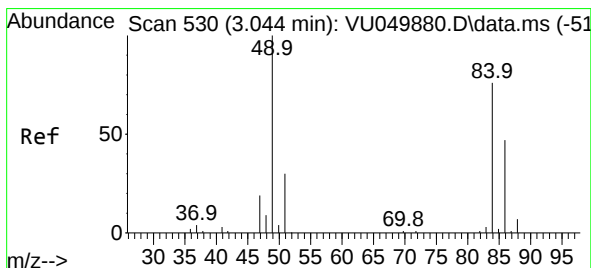
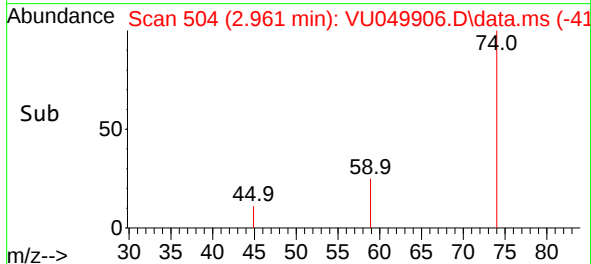
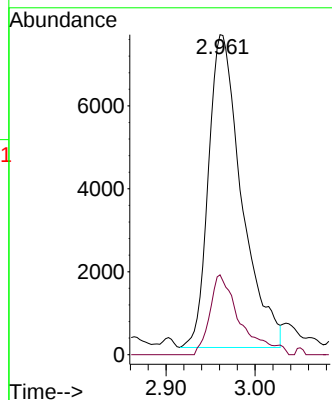
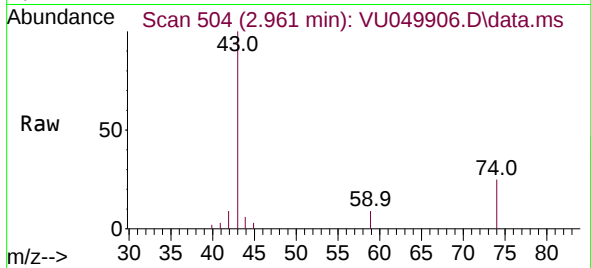




#15
Methyl Acetate
Concen: 4.977 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

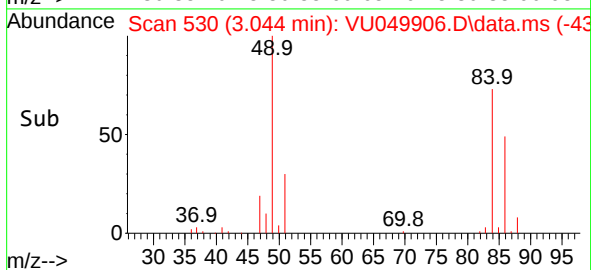
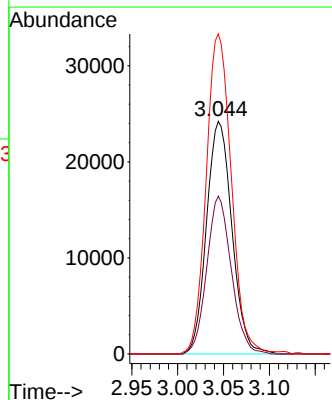
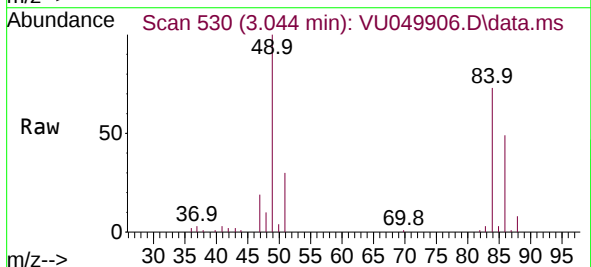
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

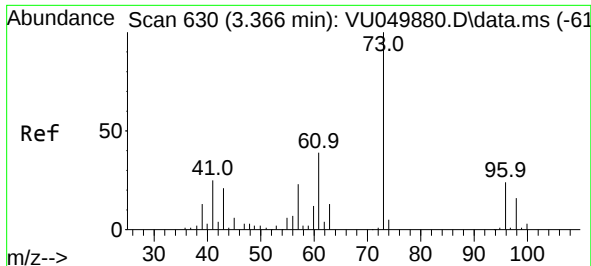
Tgt Ion: 43 Resp: 19537
Ion Ratio Lower Upper
43 100
74 23.2 17.1 25.7



#16
Methylene chloride
Concen: 3.487 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion: 84 Resp: 46703
Ion Ratio Lower Upper
84 100
86 67.8 45.5 84.5
49 137.5 94.1 174.8





#17

Methyl tert-butyl Ether

Concen: 5.115 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005131

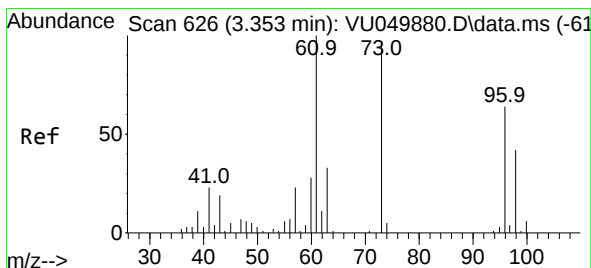
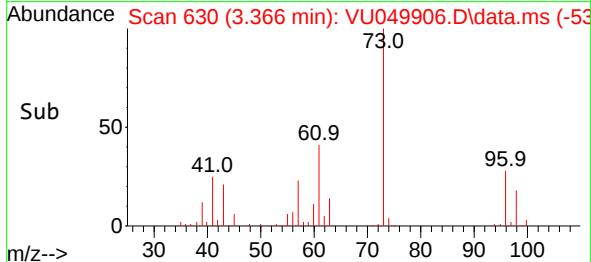
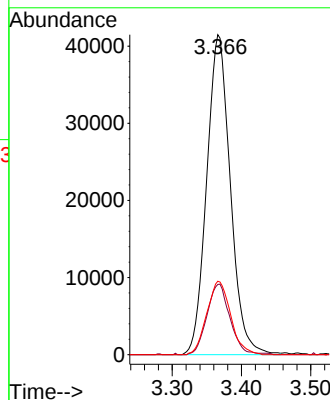
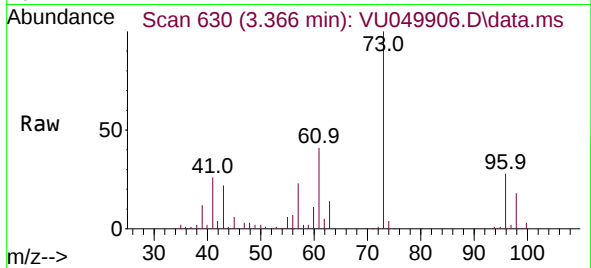
Tgt Ion: 73 Resp: 98397

Ion Ratio Lower Upper

73 100

43 21.3 17.4 26.2

57 23.1 18.7 28.1



#18

trans-1,2-Dichloroethene

Concen: 5.251 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

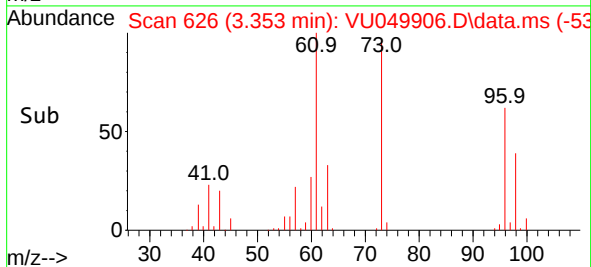
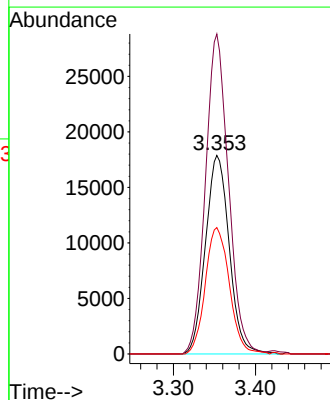
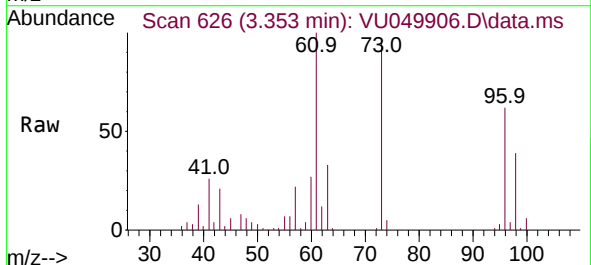
Tgt Ion: 96 Resp: 36039

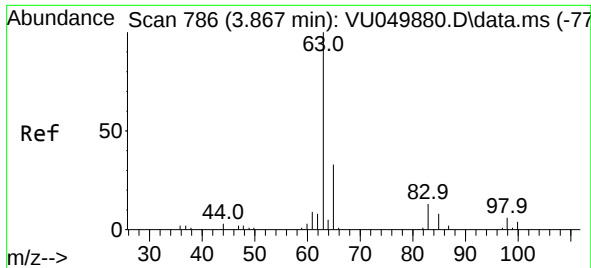
Ion Ratio Lower Upper

96 100

61 161.1 101.5 188.5

98 63.6 42.5 78.9





#19

1,1-Dichloroethane

Concen: 5.380 ug/L

RT: 3.871 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005131

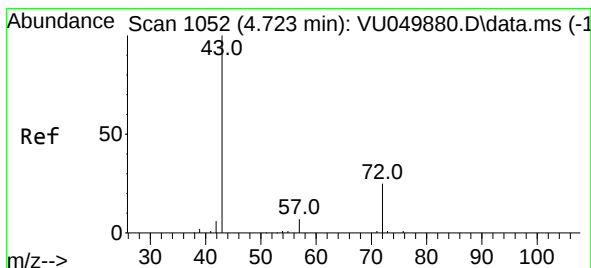
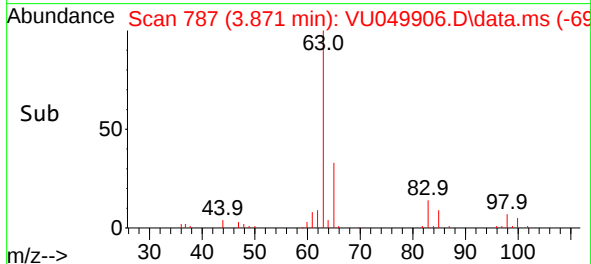
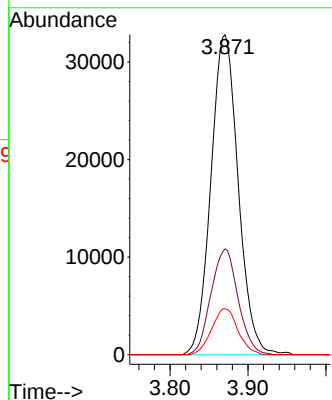
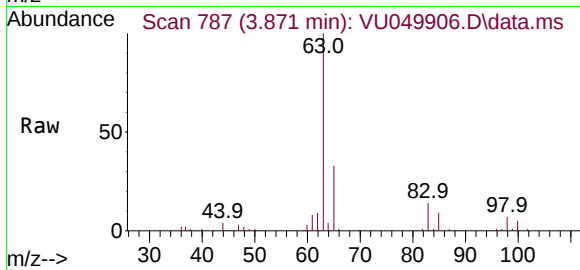
Tgt Ion: 63 Resp: 79809

Ion Ratio Lower Upper

63 100

65 33.1 22.5 41.9

83 14.4 8.3 15.5



#21

2-Butanone

Concen: 56.311 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VU049906.D

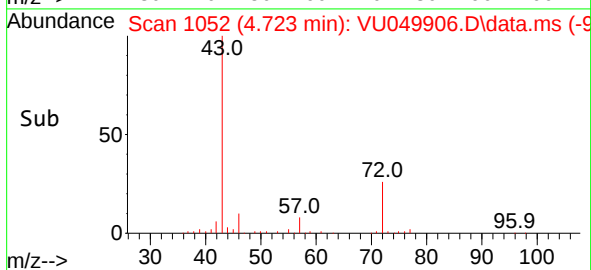
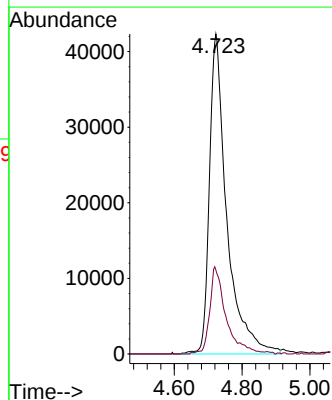
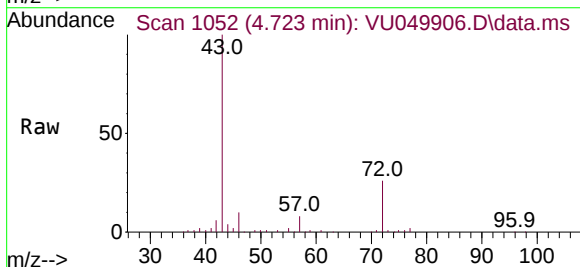
Acq: 26 Jul 2022 10:41

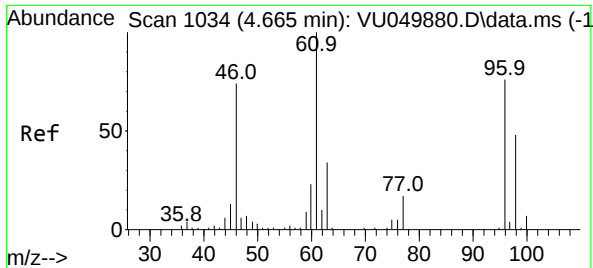
Tgt Ion: 43 Resp: 150373

Ion Ratio Lower Upper

43 100

72 25.5 11.9 35.5

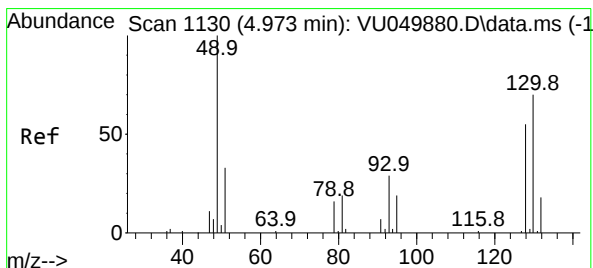
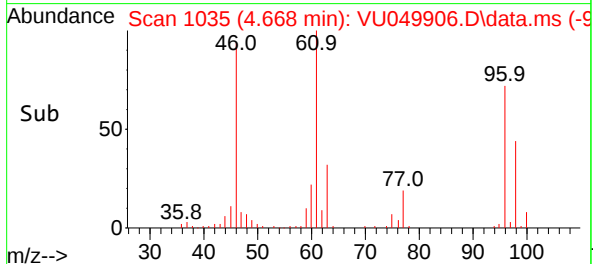
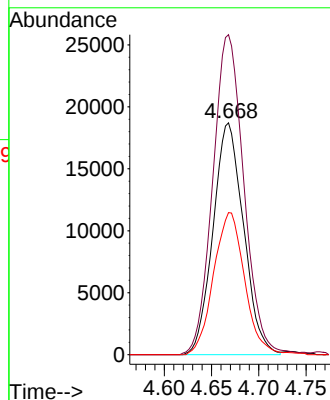
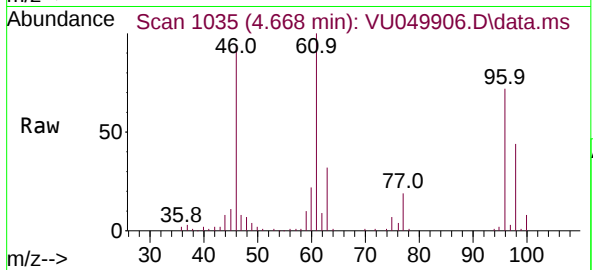




#22
 cis-1,2-Dichloroethene
 Concen: 5.278 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU049906.D
 Acq: 26 Jul 2022 10:41

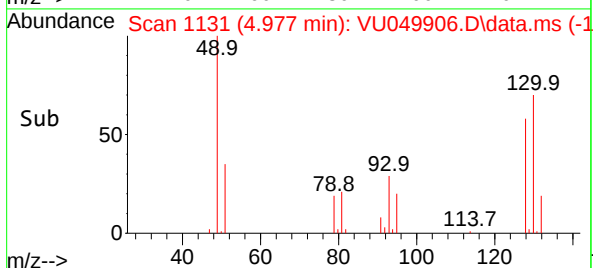
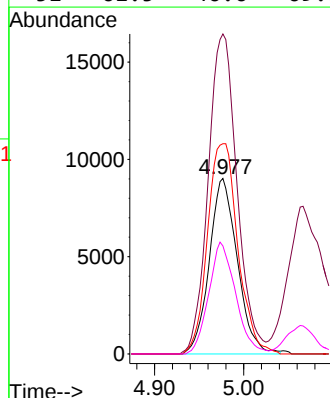
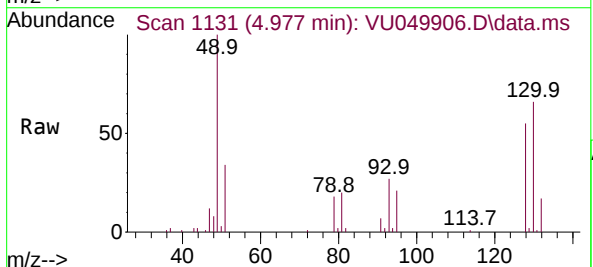
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005131

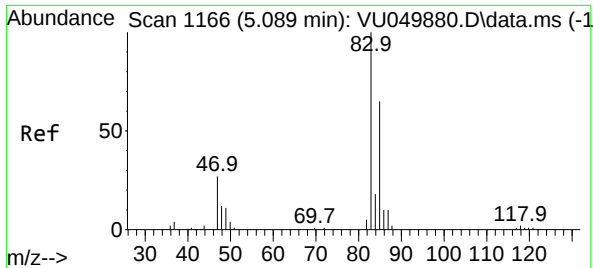
Tgt Ion: 96 Resp: 41959
 Ion Ratio Lower Upper
 96 100
 61 138.0 93.9 174.3
 98 61.2 43.9 81.5



#23
 Bromochloromethane
 Concen: 5.553 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.003 min
 Lab File: VU049906.D
 Acq: 26 Jul 2022 10:41

Tgt Ion: 128 Resp: 19718
 Ion Ratio Lower Upper
 128 100
 49 182.3 124.9 232.1
 130 119.8 88.5 164.3
 51 61.5 46.6 69.8





#25

Chloroform

Concen: 5.220 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :

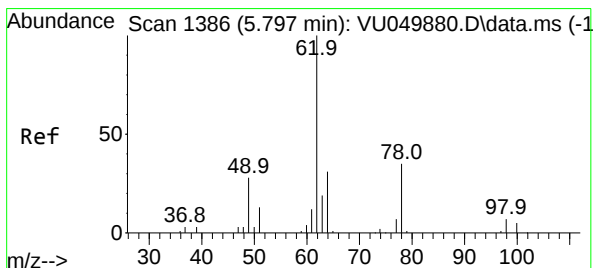
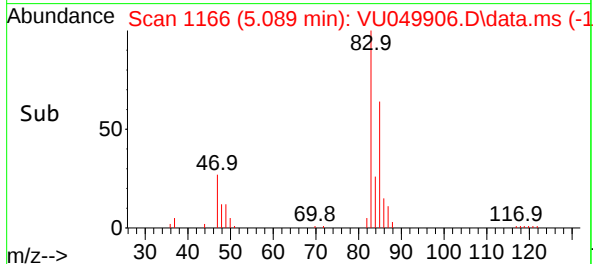
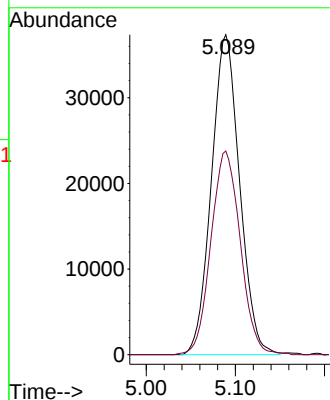
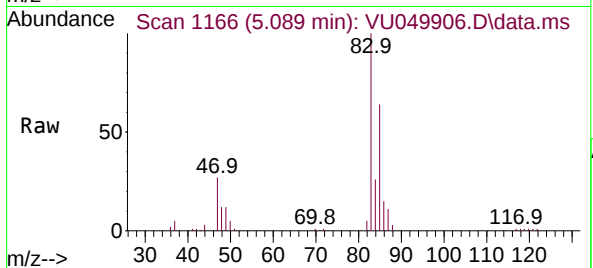
VSTD005131

Tgt Ion: 83 Resp: 82147

Ion Ratio Lower Upper

83 100

85 63.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.264 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU049906.D

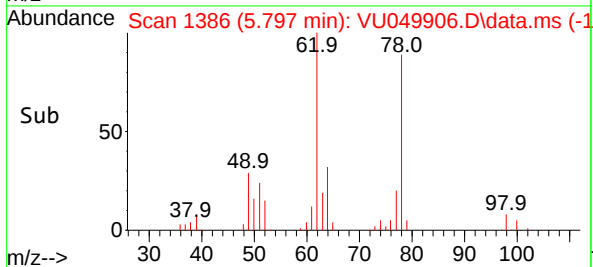
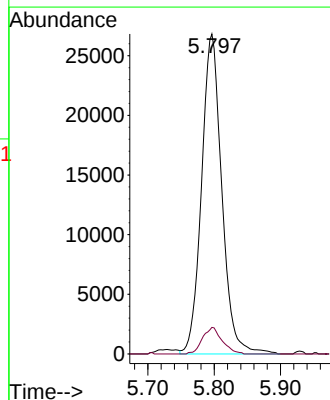
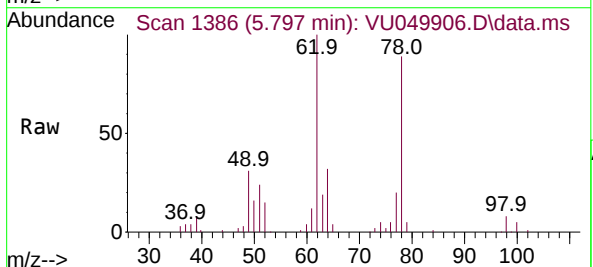
Acq: 26 Jul 2022 10:41

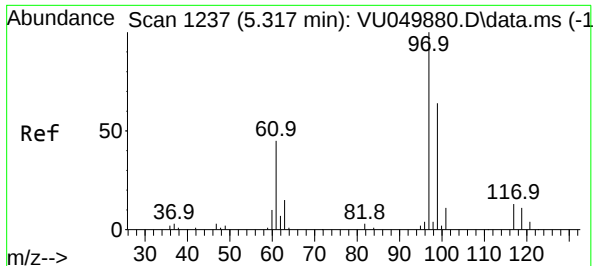
Tgt Ion: 62 Resp: 56900

Ion Ratio Lower Upper

62 100

98 8.3 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.645 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :

VSTD005131

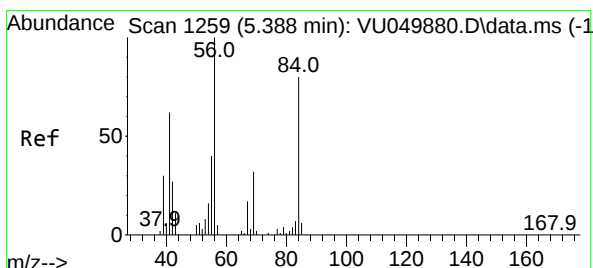
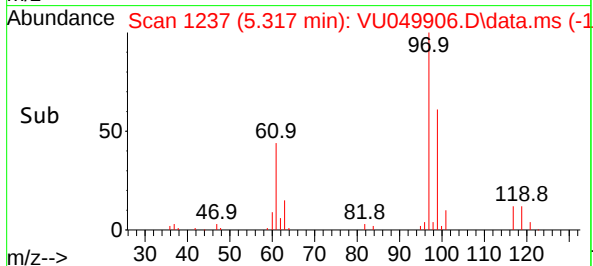
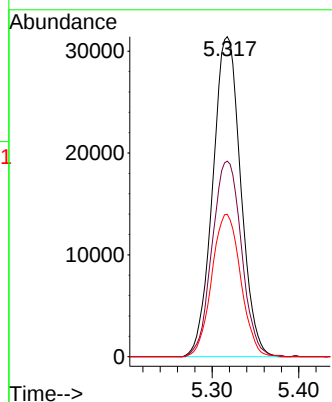
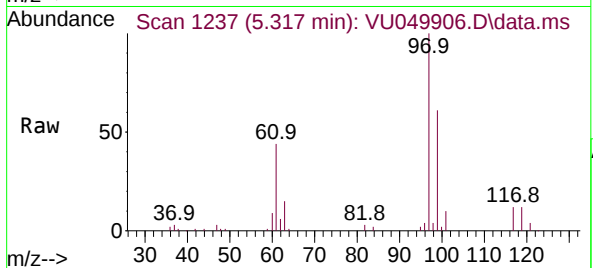
Tgt Ion: 97 Resp: 70580

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.8

61 46.0 38.3 57.5



#30

Cyclohexane

Concen: 6.190 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

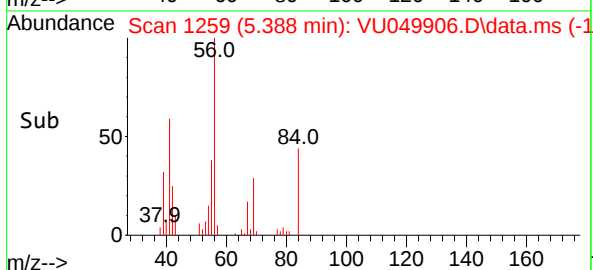
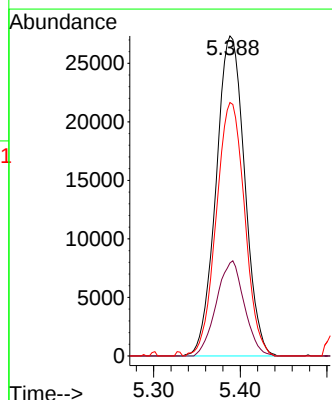
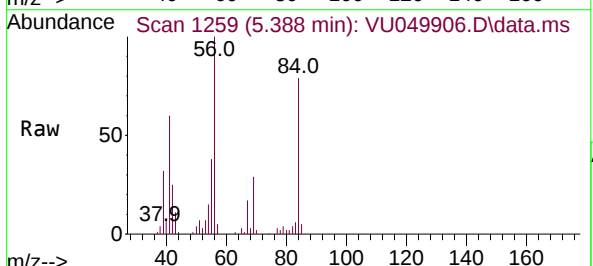
Tgt Ion: 56 Resp: 62670

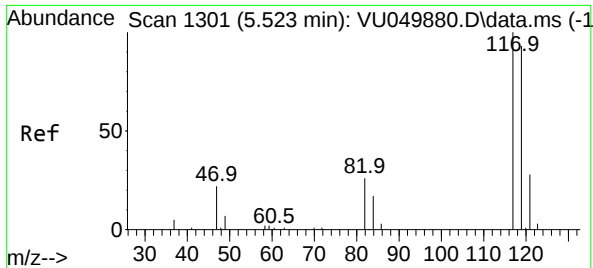
Ion Ratio Lower Upper

56 100

69 29.0 22.8 34.2

84 78.7 63.0 94.6

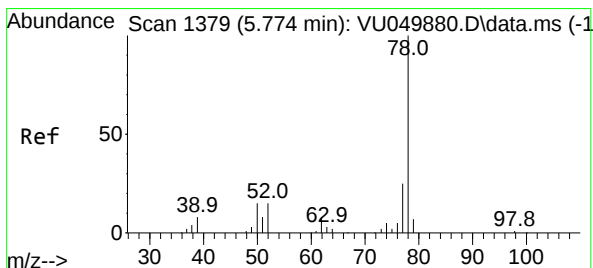
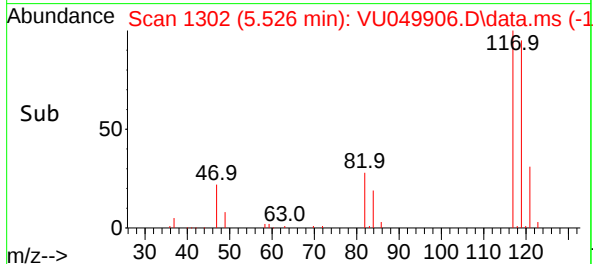
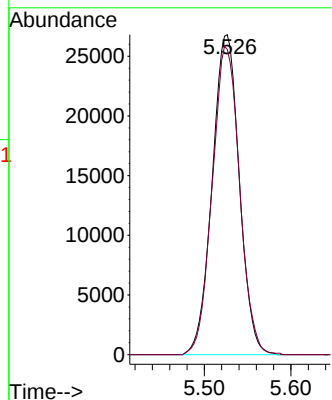
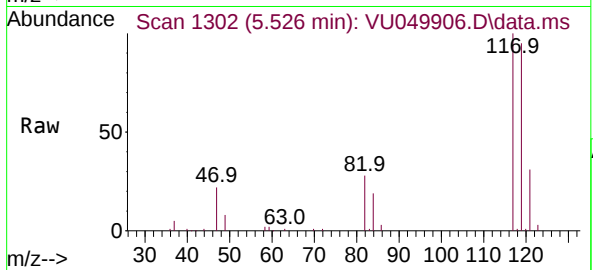




#31
Carbon tetrachloride
Concen: 5.737 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

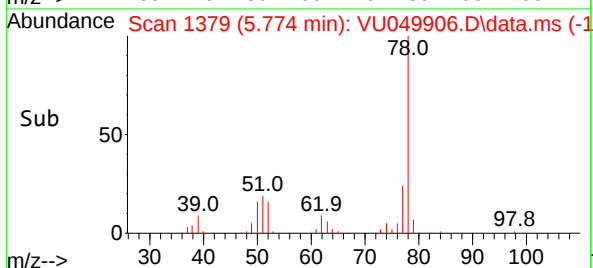
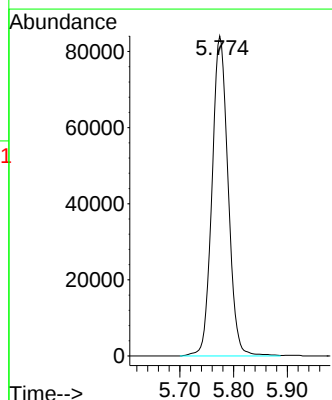
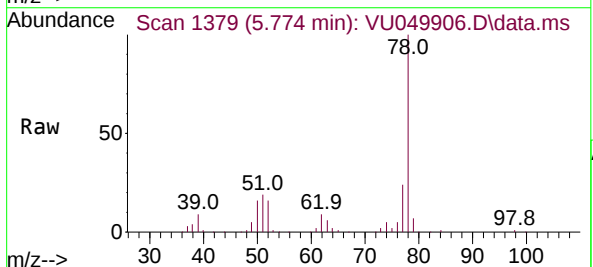
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

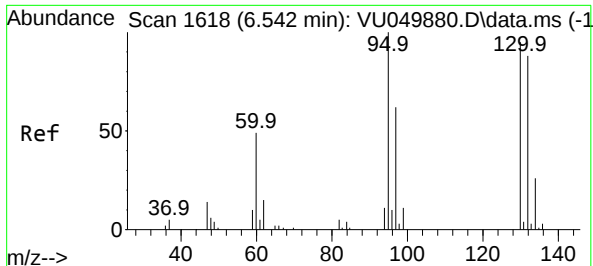
Tgt Ion:117 Resp: 58246
Ion Ratio Lower Upper
117 100
119 97.2 75.2 112.8



#33
Benzene
Concen: 5.405 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion: 78 Resp: 174701



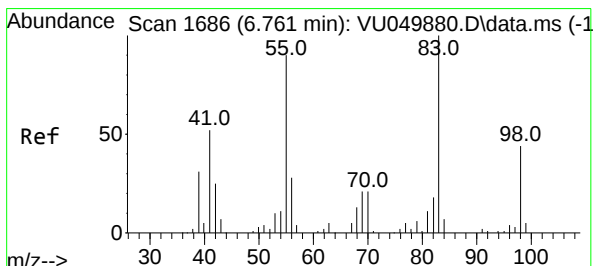
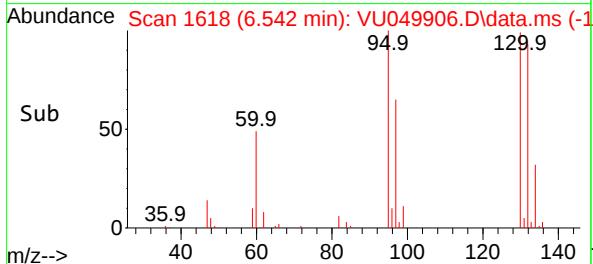
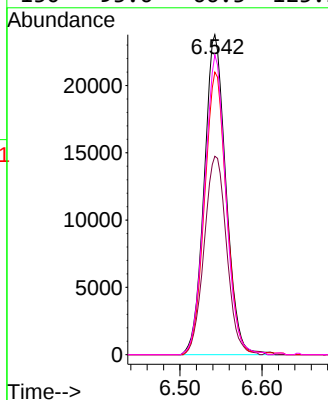
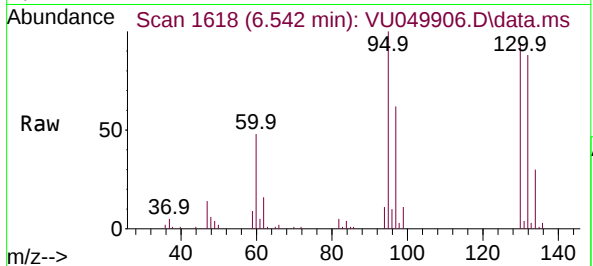


#34
Trichloroethene
Concen: 5.596 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

Tgt Ion: 95 Resp: 43846

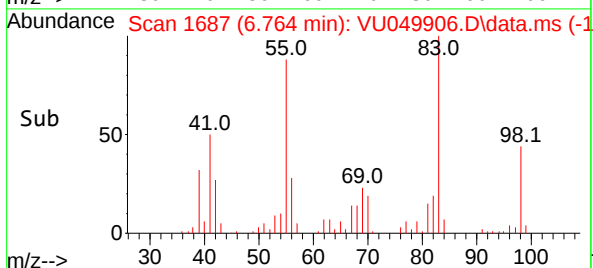
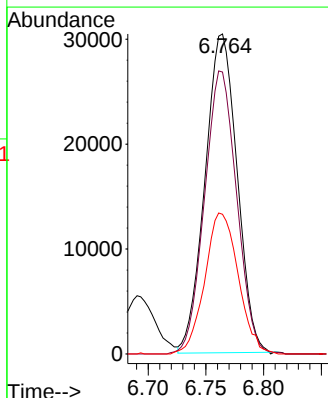
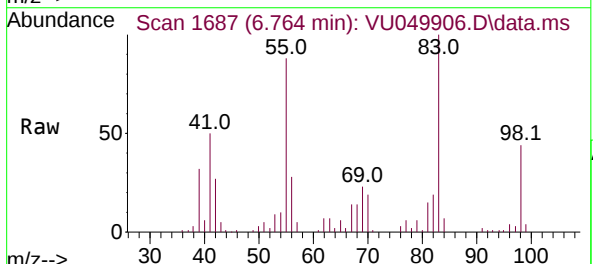
Ion	Ratio	Lower	Upper
95	100		
97	62.0	46.8	86.8
132	88.3	61.8	114.8
130	93.6	66.3	123.1

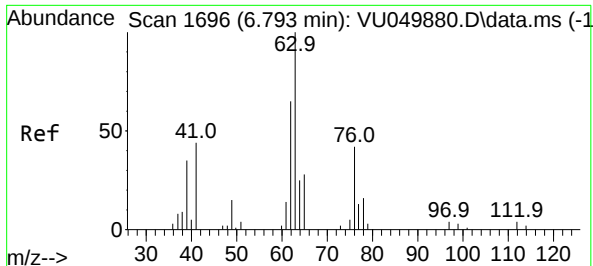


#35
Methylcyclohexane
Concen: 6.074 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion: 83 Resp: 58700

Ion	Ratio	Lower	Upper
83	100		
55	89.1	69.0	103.4
98	46.1	36.4	54.6





#37

1,2-Dichloropropane

Concen: 5.147 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :

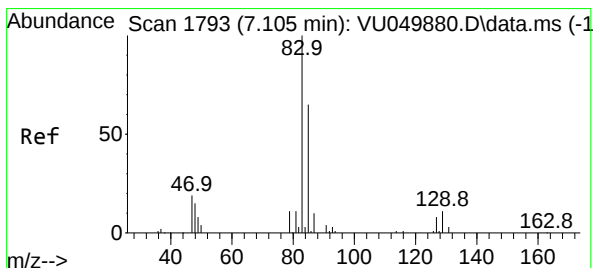
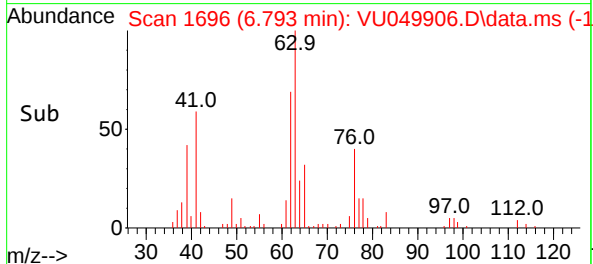
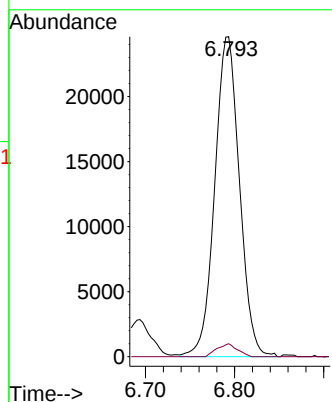
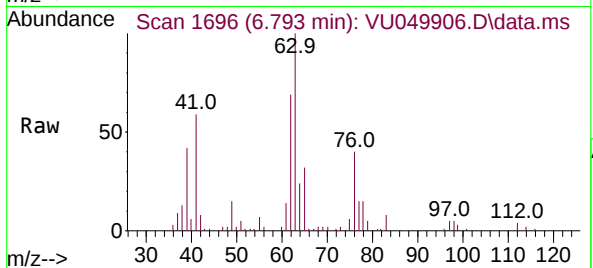
VSTD005131

Tgt Ion: 63 Resp: 47410

Ion Ratio Lower Upper

63 100

112 3.3 2.8 4.2



#38

Bromodichloromethane

Concen: 5.241 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

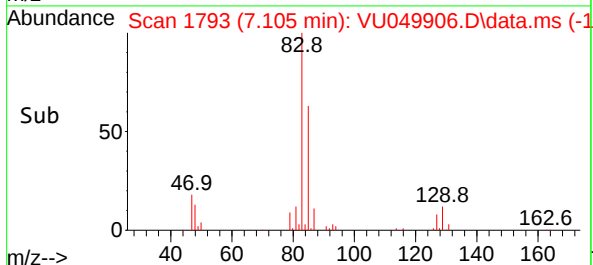
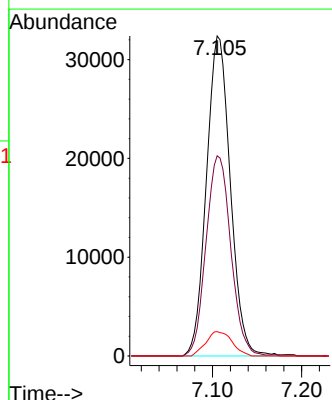
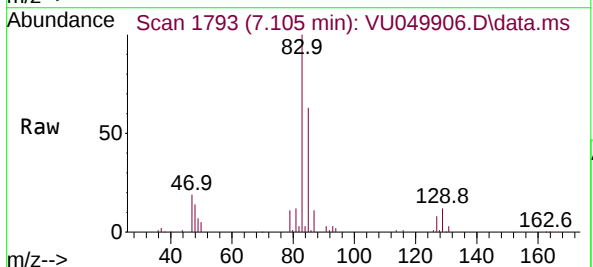
Tgt Ion: 83 Resp: 60310

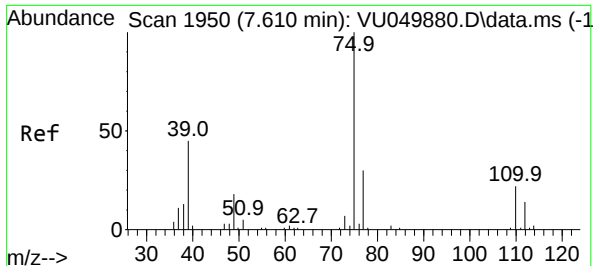
Ion Ratio Lower Upper

83 100

85 62.5 45.9 85.3

127 7.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.102 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :

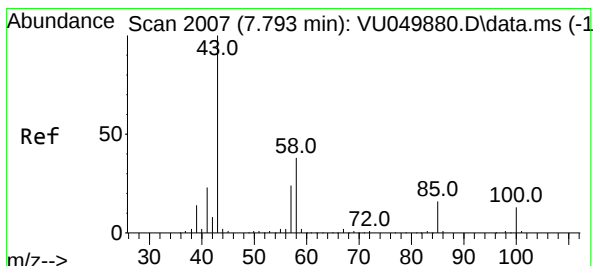
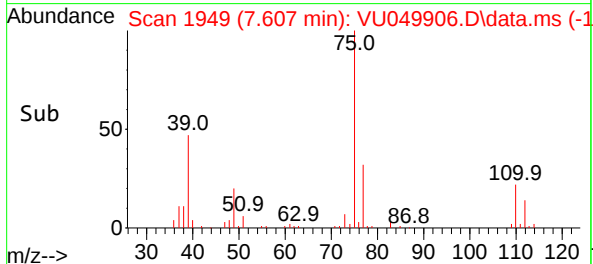
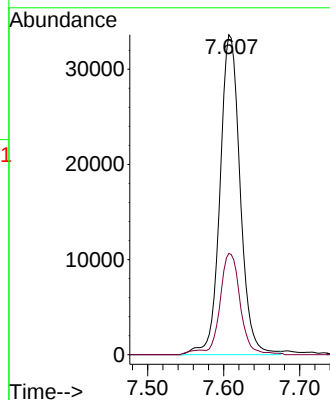
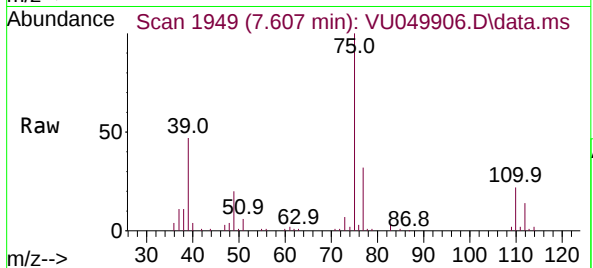
VSTD005131

Tgt Ion: 75 Resp: 61932

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 52.939 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

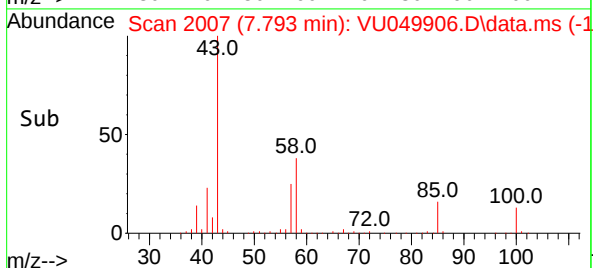
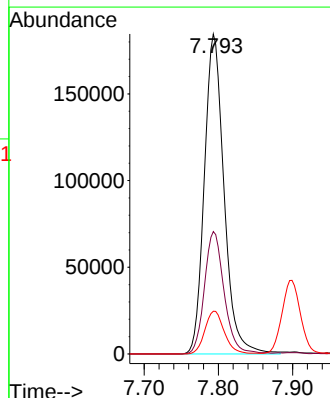
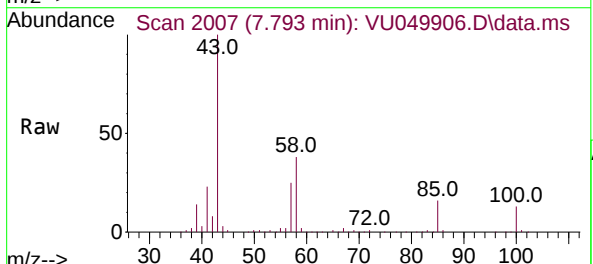
Tgt Ion: 43 Resp: 340120

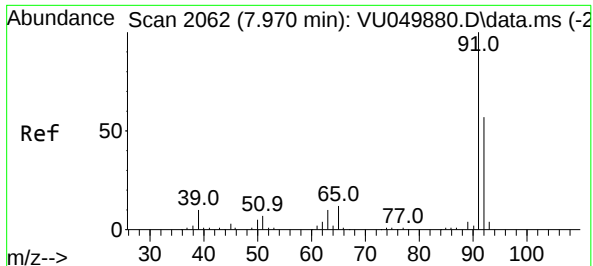
Ion Ratio Lower Upper

43 100

58 38.3 31.0 46.4

100 13.2 10.4 15.6





#42

Toluene

Concen: 5.388 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU049906.D

Acq: 26 Jul 2022 10:41

Instrument :

MSVOA_U

ClientSampleId :

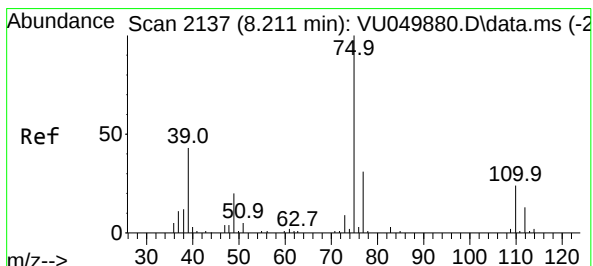
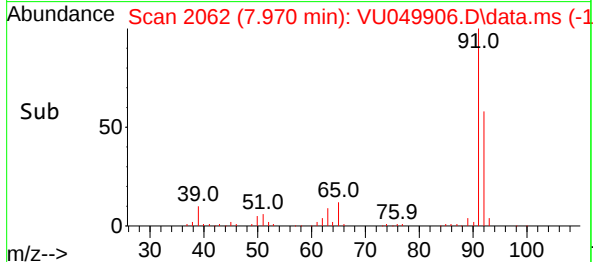
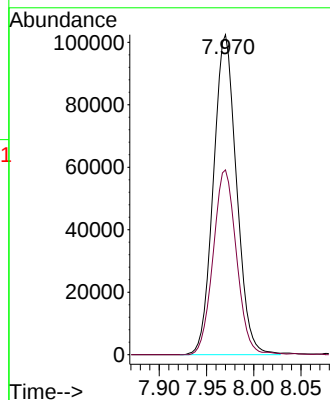
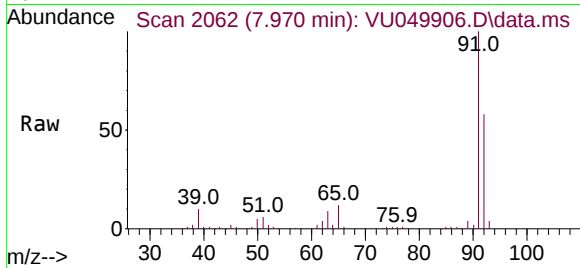
VSTD005131

Tgt Ion: 91 Resp: 174171

Ion Ratio Lower Upper

91 100

92 57.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.042 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049906.D

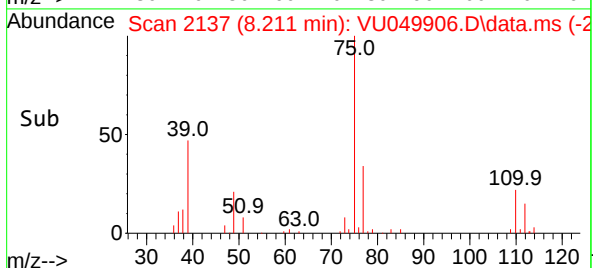
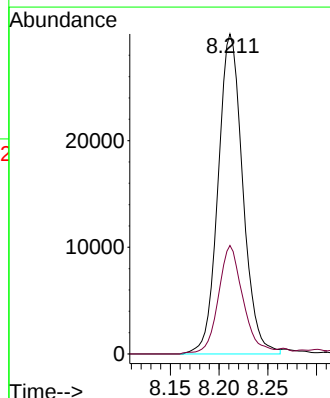
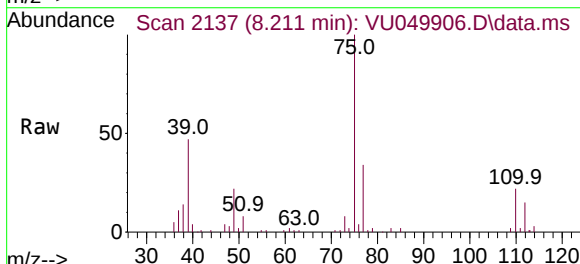
Acq: 26 Jul 2022 10:41

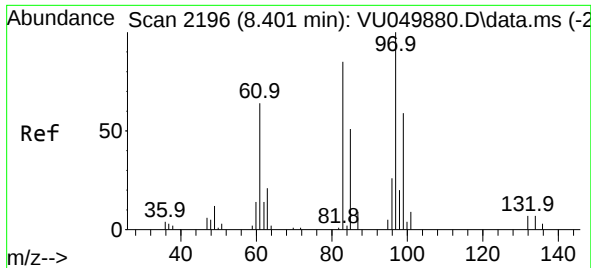
Tgt Ion: 75 Resp: 52836

Ion Ratio Lower Upper

75 100

77 33.9 21.2 39.4

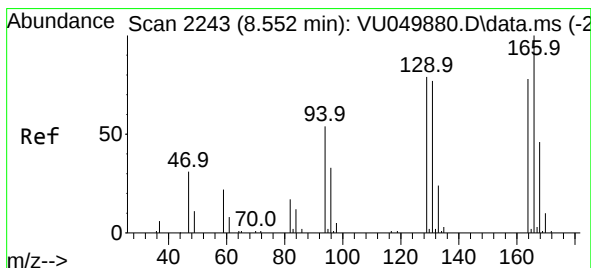
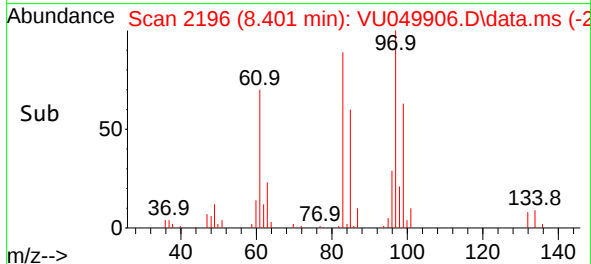
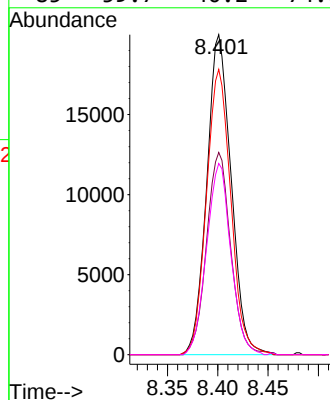
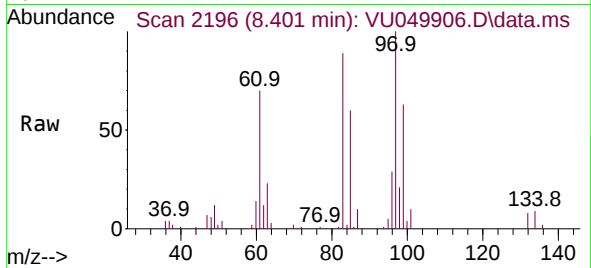




#45
1,1,2-Trichloroethane
Concen: 5.124 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

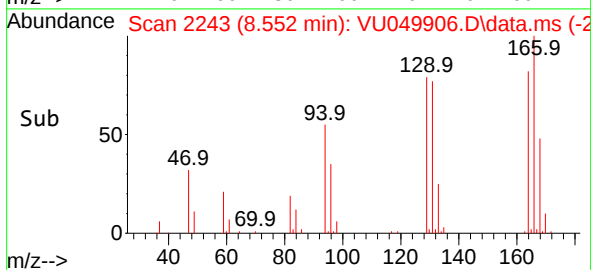
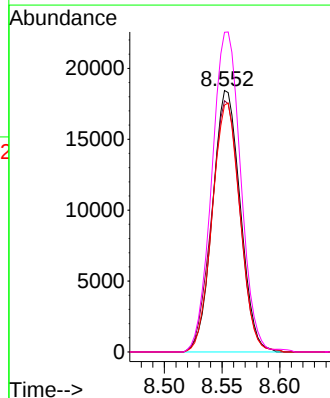
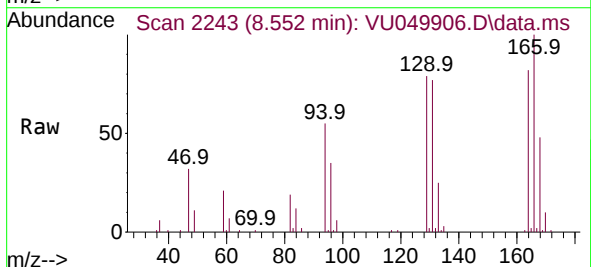
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

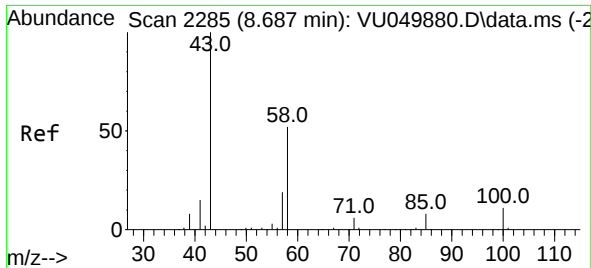
Tgt Ion:	97	Resp:	33684
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.3
83	89.2	62.4	115.8
85	59.7	40.2	74.6



#47
Tetrachloroethene
Concen: 5.714 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion:	164	Resp:	30822
Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.9	127.9
131	94.4	67.5	125.4
166	122.3	89.2	165.8

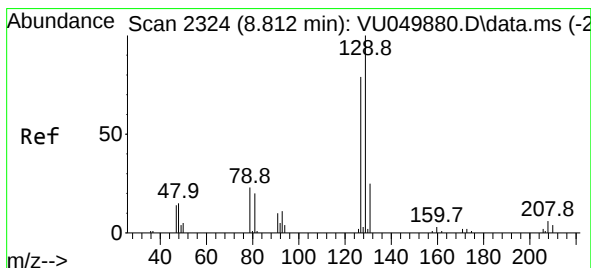
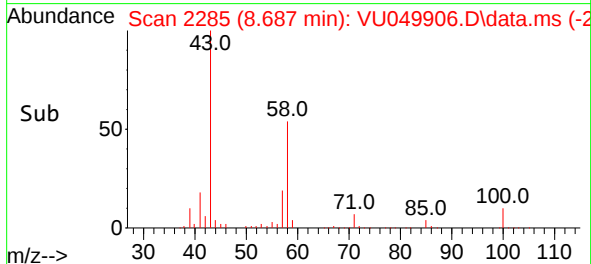
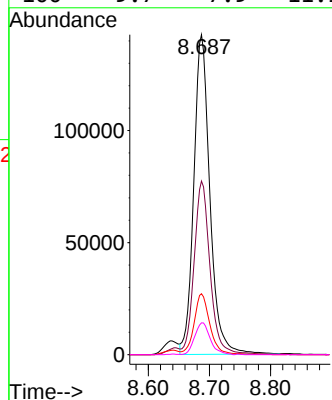
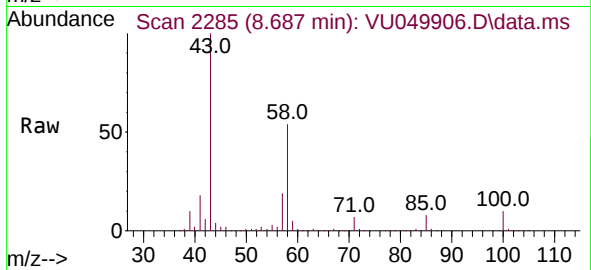




#48
2-Hexanone
Concen: 54.501 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

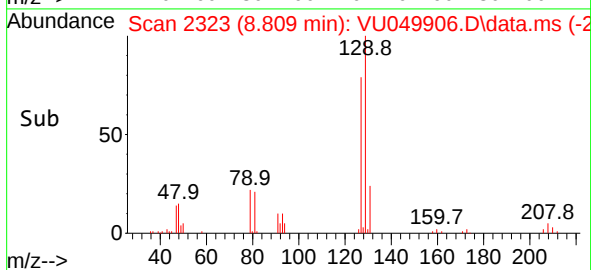
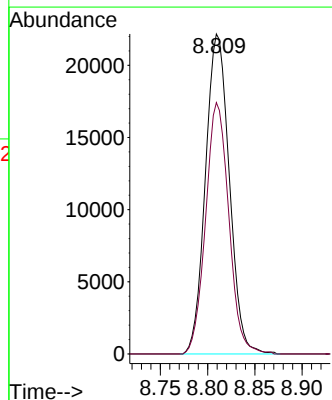
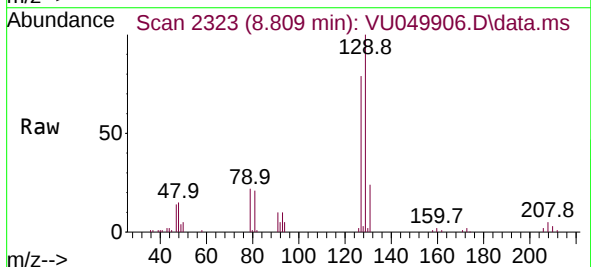
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

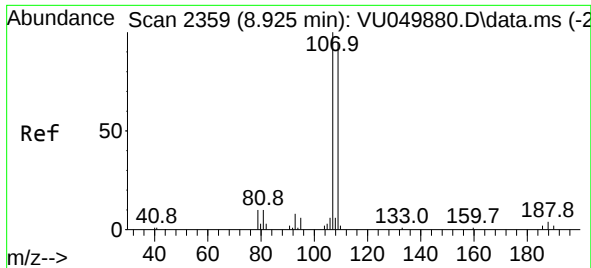
Tgt Ion: 43 Resp: 261342
Ion Ratio Lower Upper
43 100
58 53.5 42.1 63.1
57 18.4 14.3 21.5
100 9.7 7.9 11.9



#49
Dibromochloromethane
Concen: 5.302 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion: 129 Resp: 38954
Ion Ratio Lower Upper
129 100
127 78.5 50.5 93.7

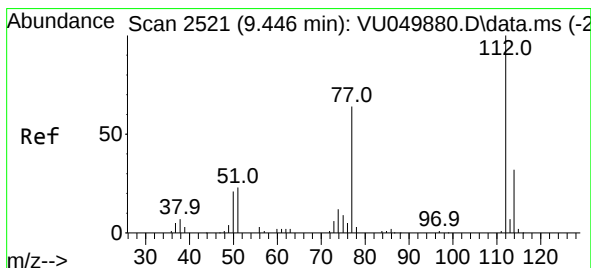
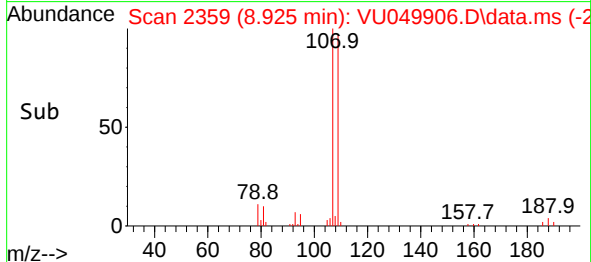
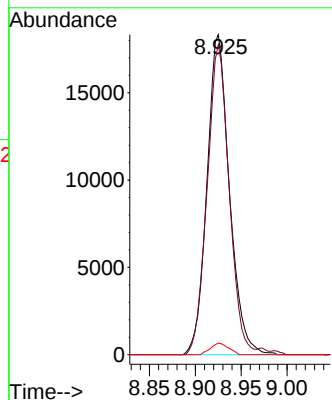
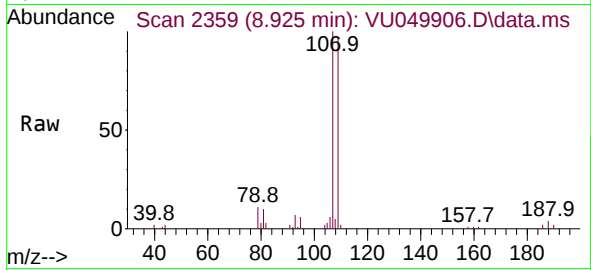




#50
1,2-Dibromoethane
Concen: 5.363 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

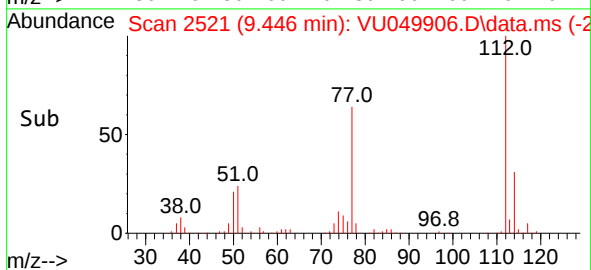
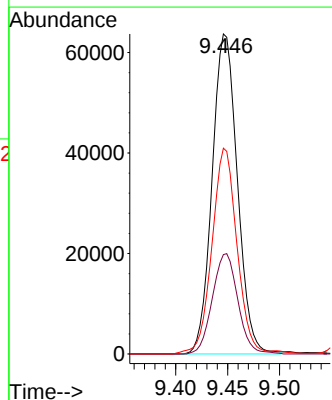
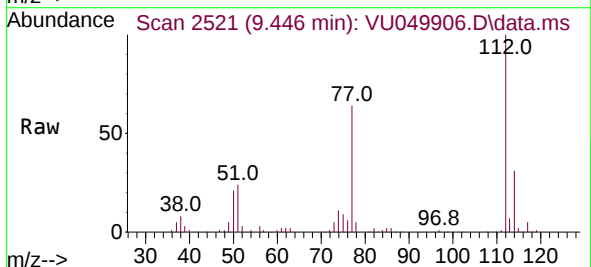
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

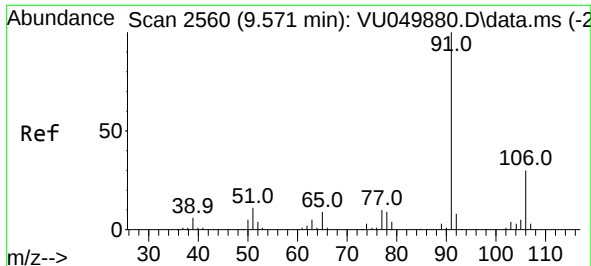
Tgt Ion:107 Resp: 31306
Ion Ratio Lower Upper
107 100
109 96.9 65.6 121.8
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 5.250 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion:112 Resp: 107732
Ion Ratio Lower Upper
112 100
114 31.1 22.4 41.6
77 64.3 51.2 76.8

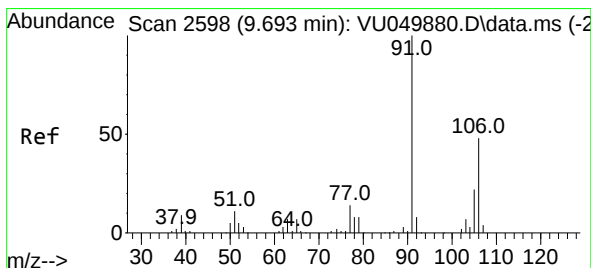
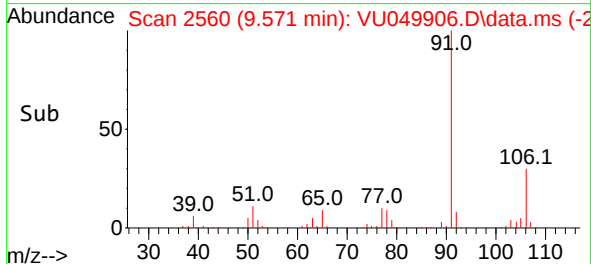
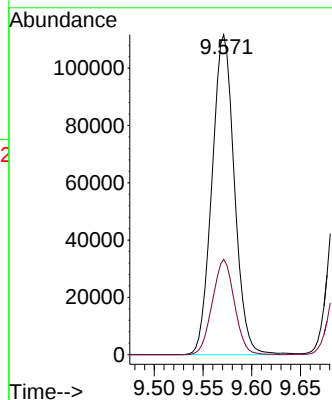
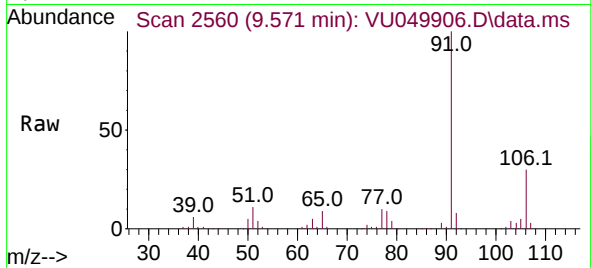




#52
Ethylbenzene
Concen: 5.363 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

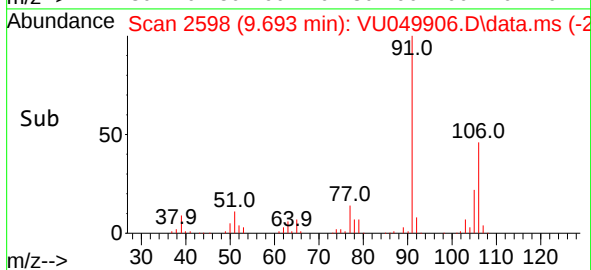
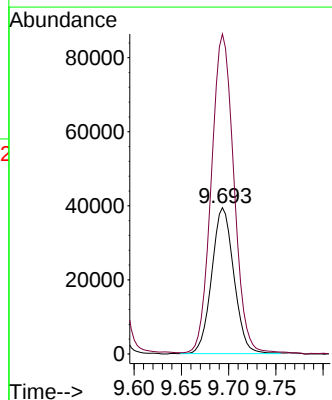
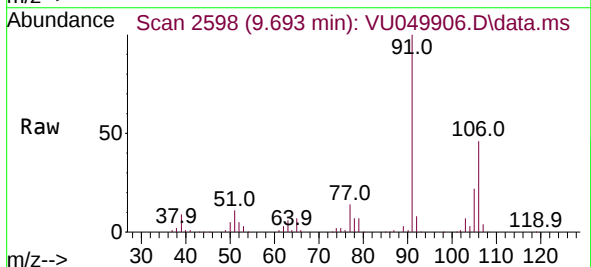
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

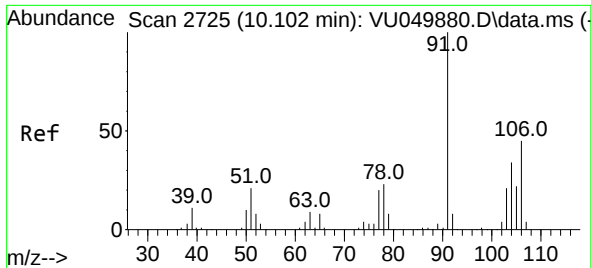
Tgt Ion: 91 Resp: 178235
Ion Ratio Lower Upper
91 100
106 29.8 20.6 38.4



#53
m,p-Xylene
Concen: 5.238 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion: 106 Resp: 64043
Ion Ratio Lower Upper
106 100
91 218.7 149.7 277.9

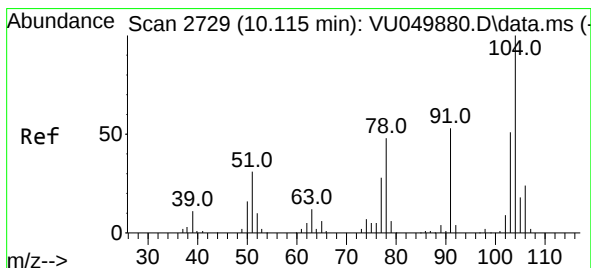
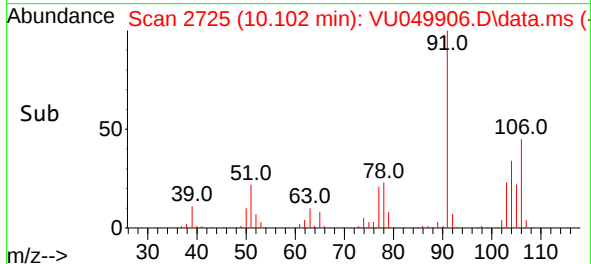
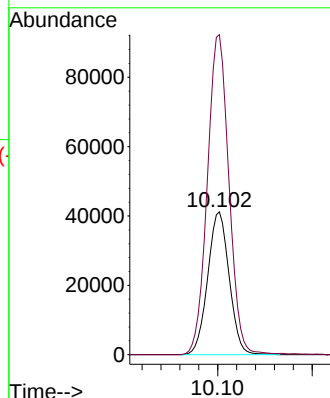
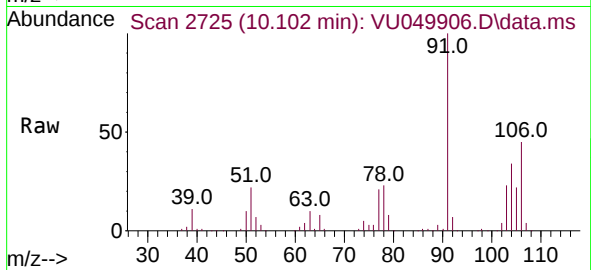




#54
o-Xylene
Concen: 5.382 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

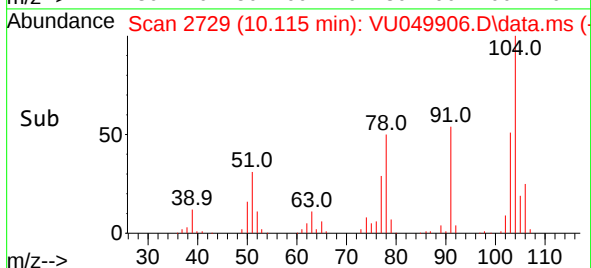
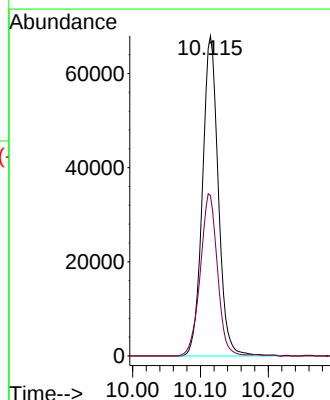
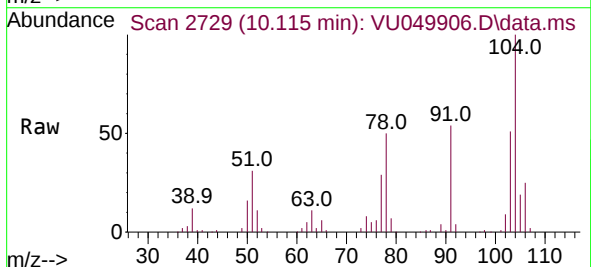
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

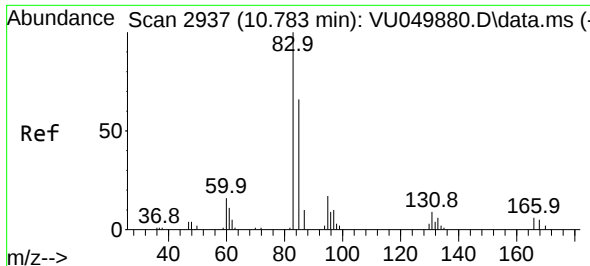
Tgt Ion:106 Resp: 65024
Ion Ratio Lower Upper
106 100
91 224.0 159.4 296.0



#55
Styrene
Concen: 5.395 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion:104 Resp: 110414
Ion Ratio Lower Upper
104 100
78 50.1 35.1 65.3

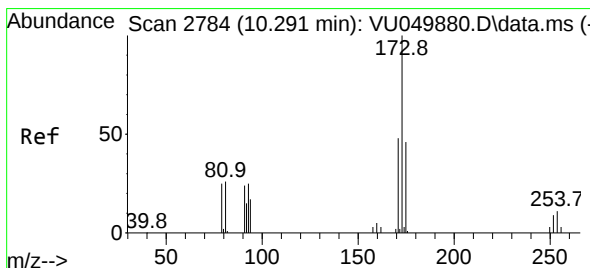
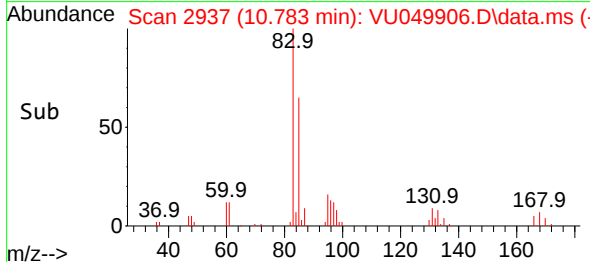
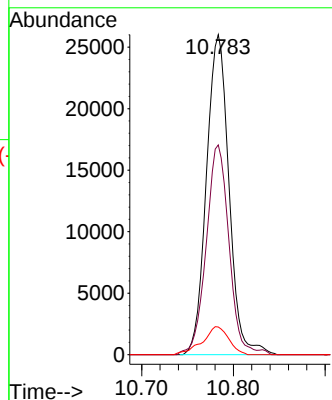
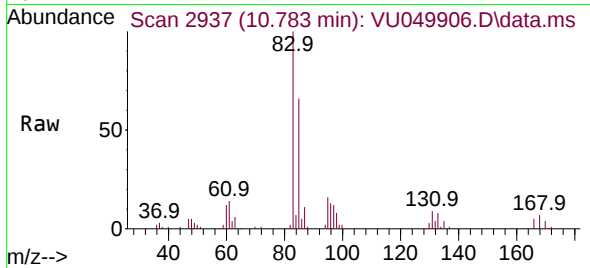




#57
1,1,2,2-Tetrachloroethane
Concen: 5.232 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

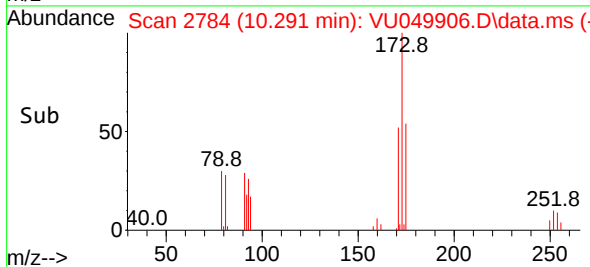
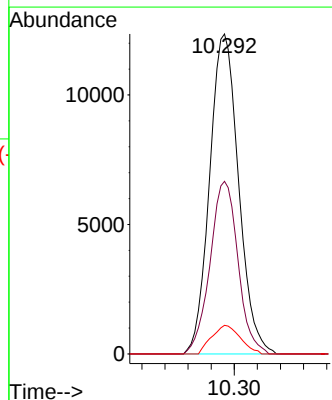
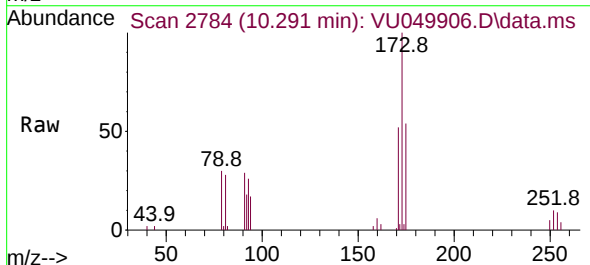
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

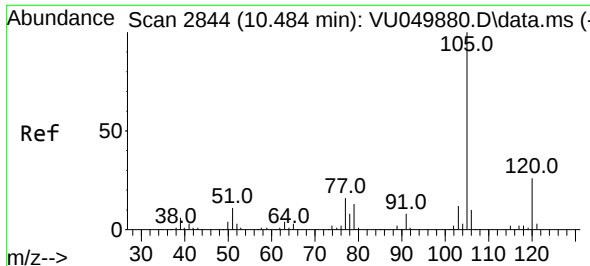
Tgt Ion: 83 Resp: 44423
Ion Ratio Lower Upper
83 100
85 65.5 47.9 89.1
131 8.7 7.3 10.9



#59
Bromoform
Concen: 5.683 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion:173 Resp: 21494
Ion Ratio Lower Upper
173 100
175 52.1 39.5 59.3
254 8.8 7.5 11.3

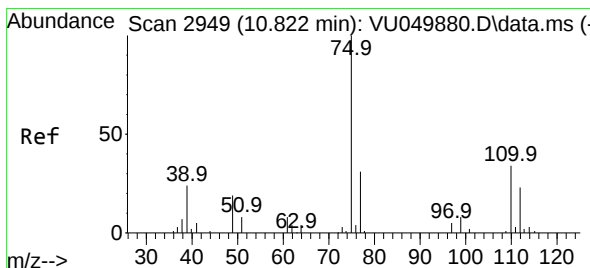
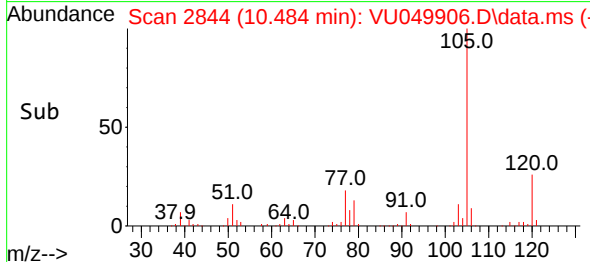
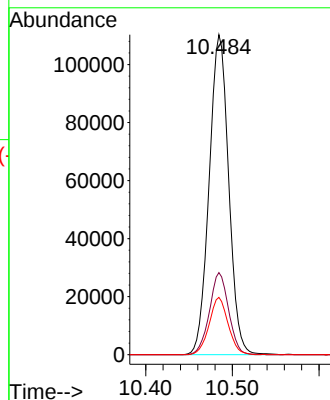
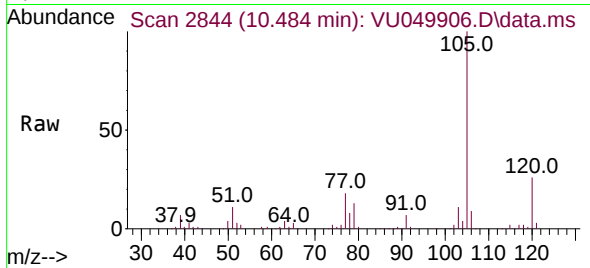




#60
Isopropylbenzene
Concen: 6.010 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

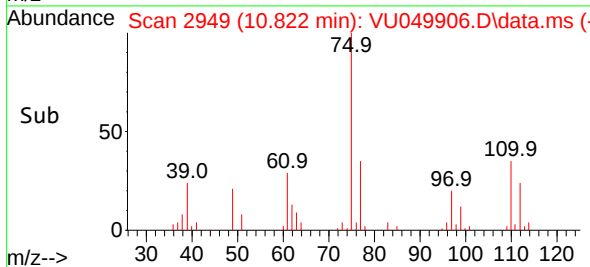
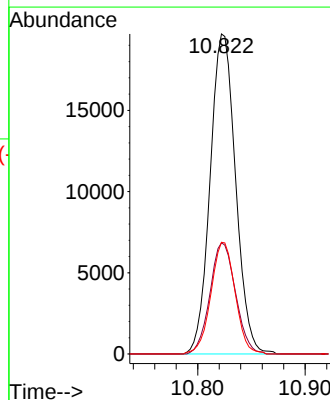
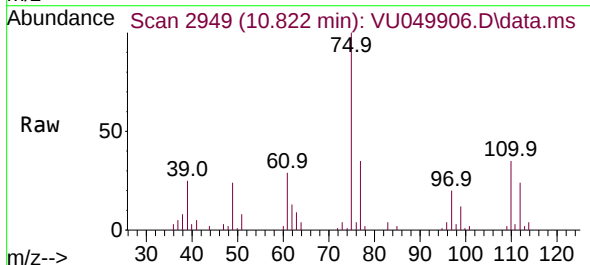
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

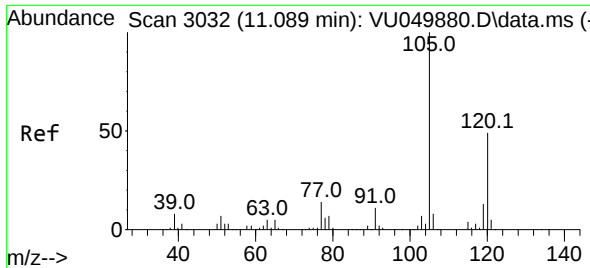
Tgt Ion:105 Resp: 172758
Ion Ratio Lower Upper
105 100
120 25.2 20.4 30.6
77 17.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.604 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion: 75 Resp: 32444
Ion Ratio Lower Upper
75 100
110 34.8 28.0 42.0
77 33.1 25.4 38.2

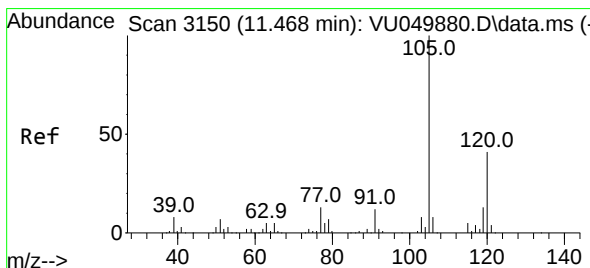
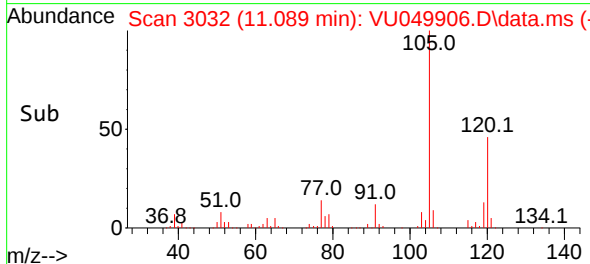
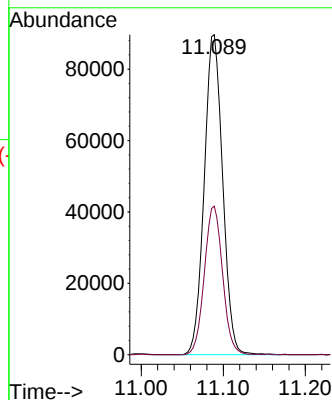
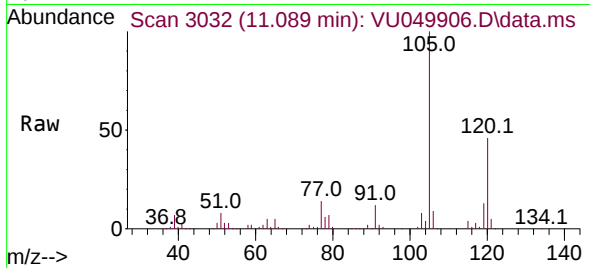




#62
 1,3,5-Trimethylbenzene
 Concen: 5.760 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU049906.D
 Acq: 26 Jul 2022 10:41

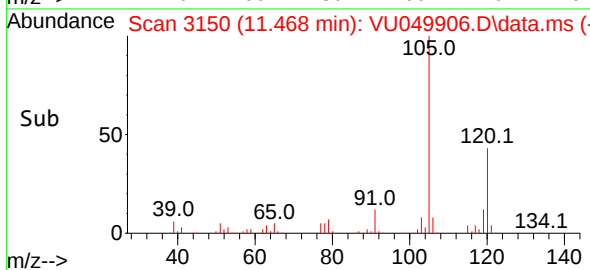
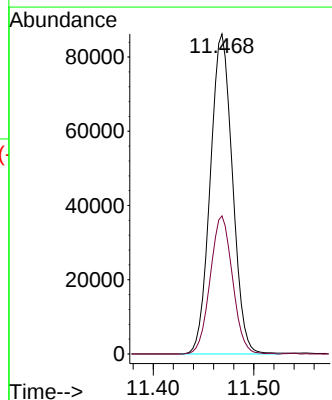
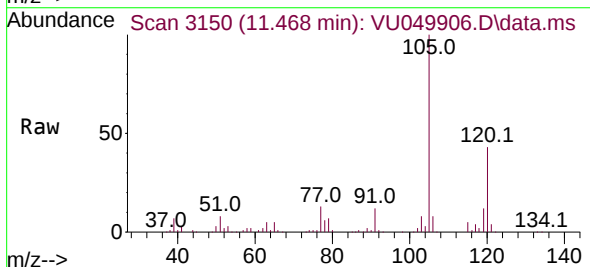
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005131

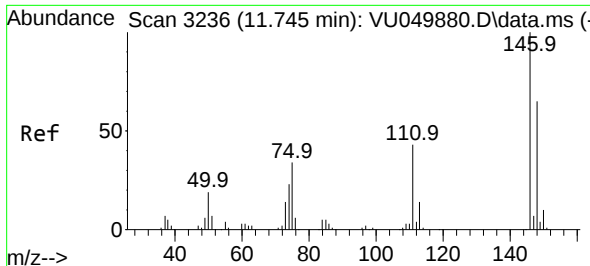
Tgt Ion:105 Resp: 139901
 Ion Ratio Lower Upper
 105 100
 120 45.9 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 5.605 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049906.D
 Acq: 26 Jul 2022 10:41

Tgt Ion:105 Resp: 132147
 Ion Ratio Lower Upper
 105 100
 120 43.4 34.2 51.4

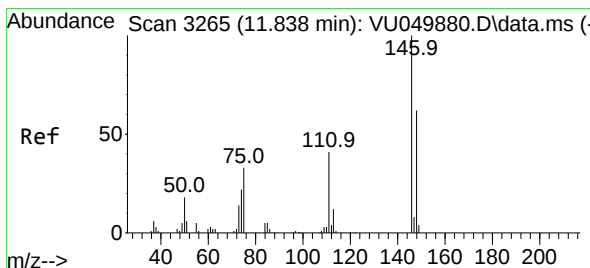
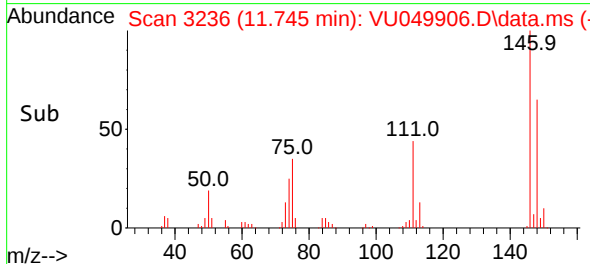
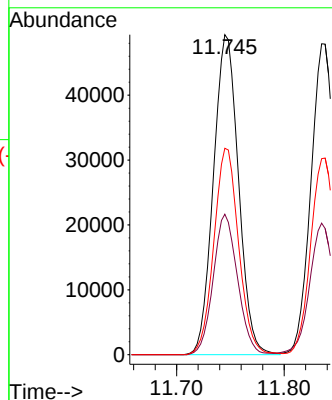
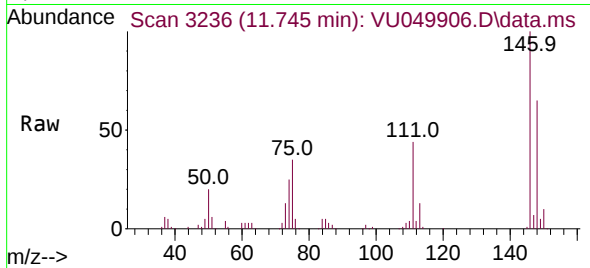




#64
1,3-Dichlorobenzene
Concen: 5.618 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

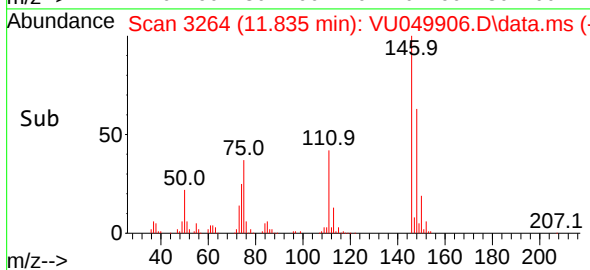
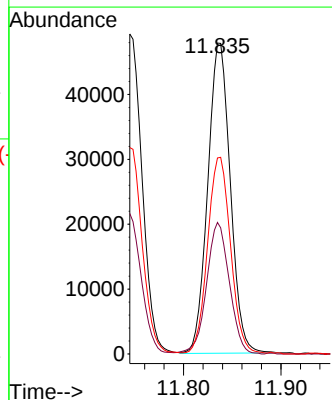
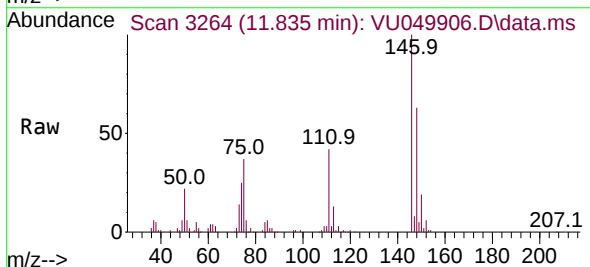
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

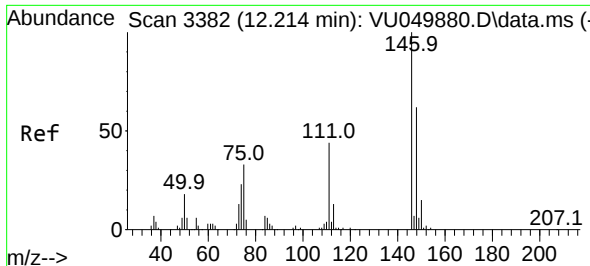
Tgt Ion:146 Resp: 79842
Ion Ratio Lower Upper
146 100
111 43.9 30.0 55.8
148 64.5 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.478 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion:146 Resp: 77028
Ion Ratio Lower Upper
146 100
111 42.3 29.5 54.7
148 63.0 44.1 81.9

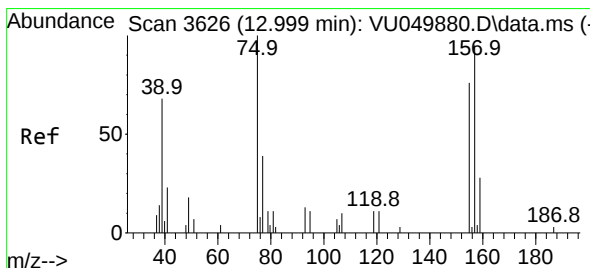
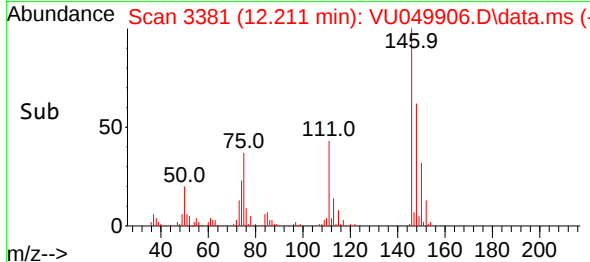
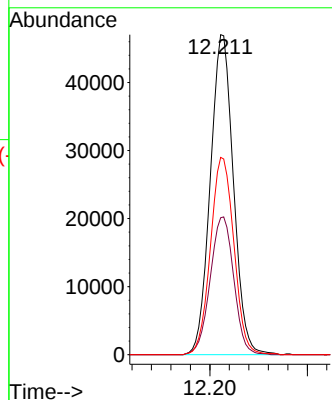
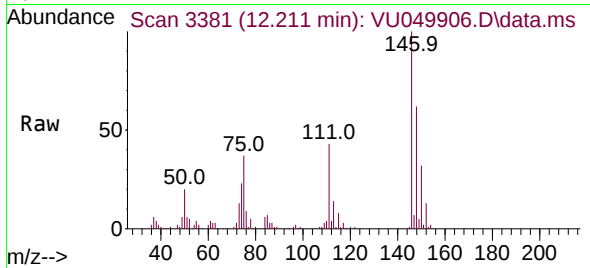




#67
1,2-Dichlorobenzene
Concen: 5.511 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

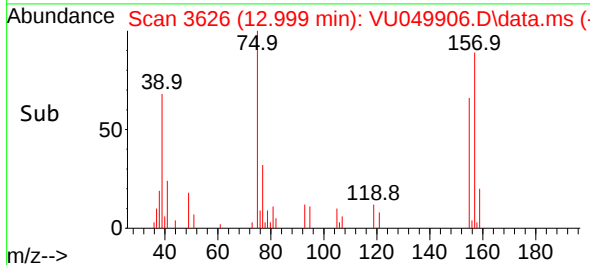
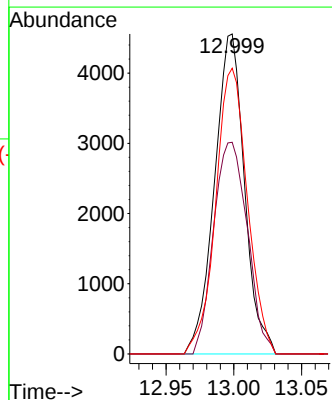
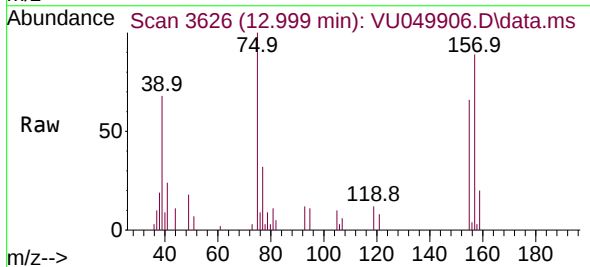
Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

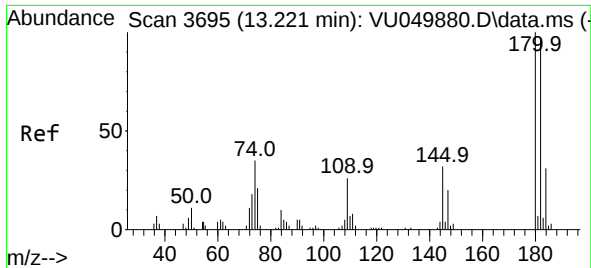
Tgt Ion:146 Resp: 77384
Ion Ratio Lower Upper
146 100
111 42.8 35.8 53.8
148 61.7 50.3 75.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.412 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion: 75 Resp: 7009
Ion Ratio Lower Upper
75 100
155 66.1 60.4 90.6
157 89.3 70.0 105.0

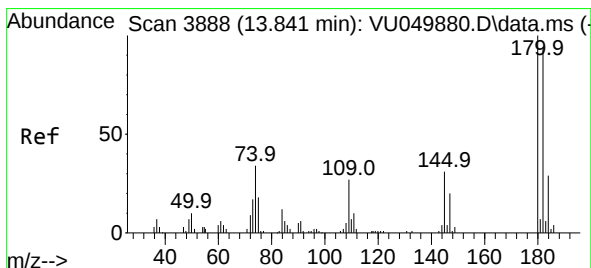
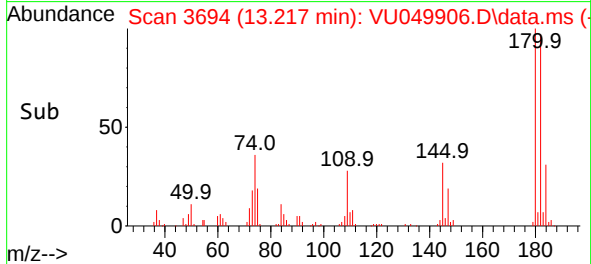
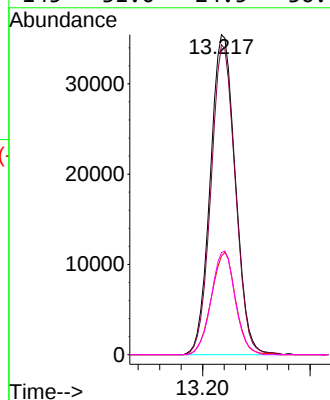
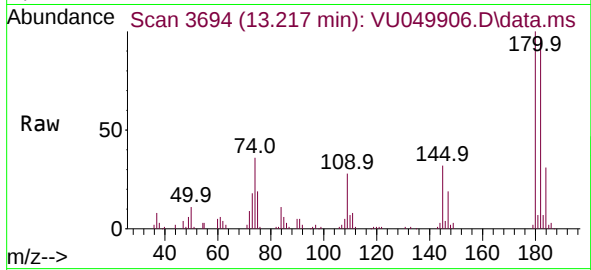




#69
 1,3,5-Trichlorobenzene
 Concen: 5.461 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU049906.D
 Acq: 26 Jul 2022 10:41

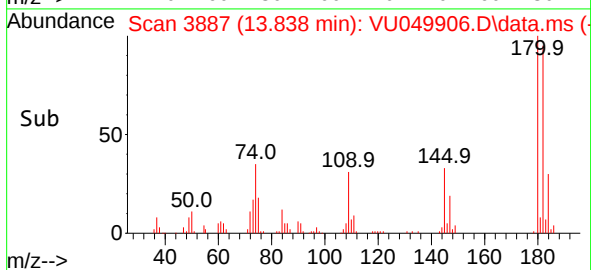
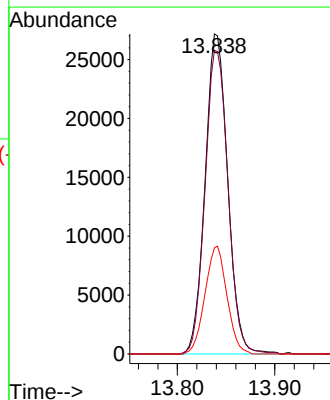
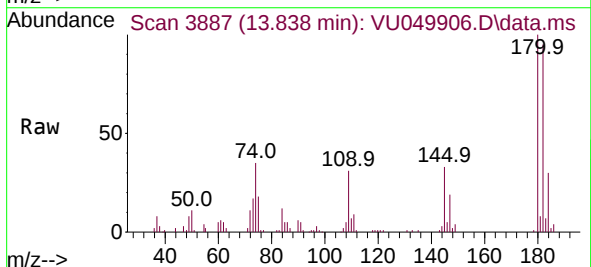
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005131

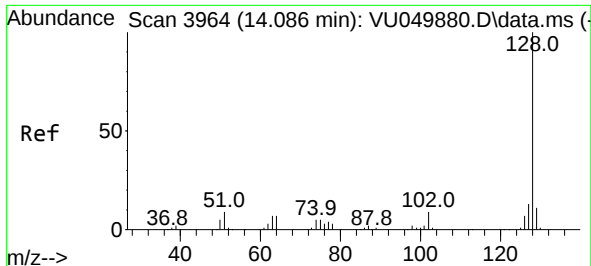
Tgt Ion:180 Resp: 57301
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.2 115.8
 184 31.1 25.3 37.9
 145 31.0 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.987 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU049906.D
 Acq: 26 Jul 2022 10:41

Tgt Ion:180 Resp: 43931
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.0 115.4
 145 32.6 26.1 39.1

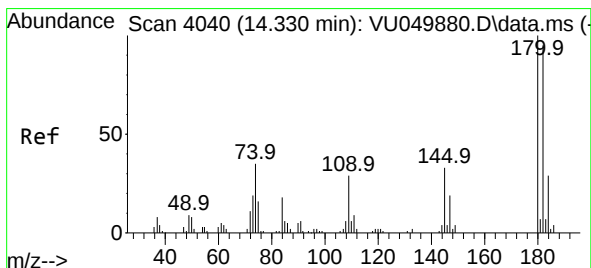
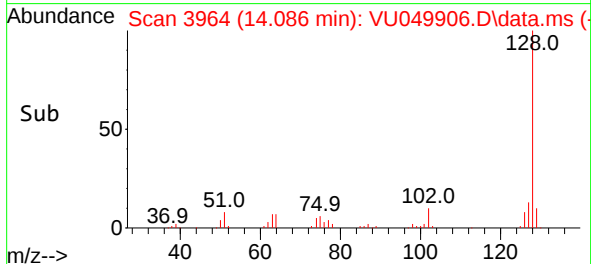
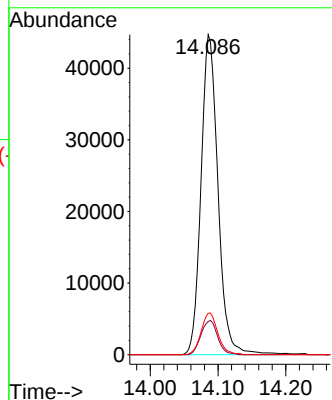
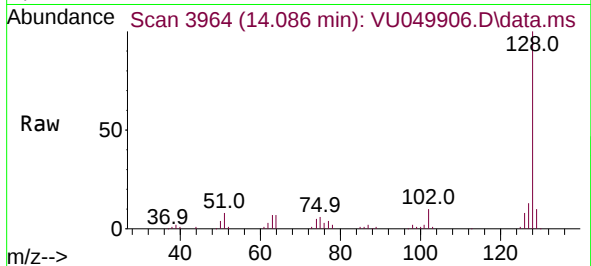




#71
Naphthalene
Concen: 4.514 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Instrument :
MSVOA_U
ClientSampleId :
VSTD005131

Tgt Ion:128 Resp: 77530
Ion Ratio Lower Upper
128 100
129 10.5 8.2 12.4
127 12.9 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 5.062 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049906.D
Acq: 26 Jul 2022 10:41

Tgt Ion:180 Resp: 42859
Ion Ratio Lower Upper
180 100
182 95.9 73.9 110.9
145 34.0 27.8 41.6

