

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052695.D
 Acq On : 16 Jan 2023 11:09
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

Quant Time: Jan 17 05:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	148331	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	143385	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	79450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41914	3.216	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.916	69	40512	3.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.568	65	22458	3.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.636	46	159470	45.768	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.540%
24) Chloroform-d	5.060	84	114867	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.697	65	58519	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.723	84	220788	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.687	67	71408	4.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.896	98	200005	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.176	79	27504	4.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.629	63	120729	50.463	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	57518	4.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	70103	4.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	75781	4.755	ug/L	99
3) Chloromethane	1.520	50	68128	3.520	ug/L	100
5) Vinyl chloride	1.604	62	74165	4.006	ug/L	99
6) Bromomethane	1.858	94	29620	3.082	ug/L	99
8) Chloroethane	1.935	64	47572	4.226	ug/L	96
9) Trichlorofluoromethane	2.141	101	105403	4.829	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	61541	4.793	ug/L	95
12) 1,1-Dichloroethene	2.581	96	58983	4.586	ug/L	88
13) Acetone	2.655	43	116018	46.427	ug/L	99
14) Carbon disulfide	2.793	76	207230	4.663	ug/L	98
15) Methyl Acetate	2.957	43	28027	4.678	ug/L	99
16) Methylene chloride	3.044	84	75345	4.403	ug/L	93
17) Methyl tert-butyl Ether	3.359	73	141586	4.975	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	65803	5.017	ug/L	92
19) 1,1-Dichloroethane	3.864	63	125926	4.624	ug/L	99
21) 2-Butanone	4.716	43	184933	45.972	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	70184	4.983	ug/L	96
23) Bromochloromethane	4.970	128	30571	5.127	ug/L	89
25) Chloroform	5.083	83	126396	4.721	ug/L	98

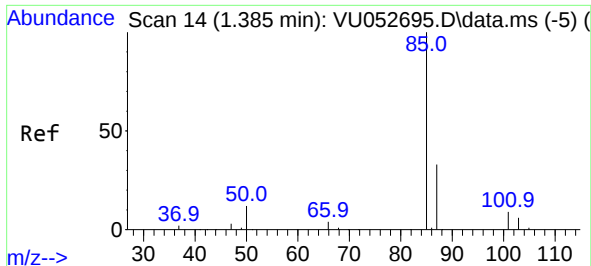
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052695.D
 Acq On : 16 Jan 2023 11:09
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

Quant Time: Jan 17 05:32:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	78750	4.854	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	106428	4.731	ug/L	98
30) Cyclohexane	5.388	56	108929	4.812	ug/L	97
31) Carbon tetrachloride	5.520	117	90900	5.157	ug/L	99
33) Benzene	5.771	78	286123	5.042	ug/L	100
34) Trichloroethene	6.539	95	70511	5.252	ug/L	98
35) Methylcyclohexane	6.761	83	112398	5.071	ug/L	97
37) 1,2-Dichloropropane	6.787	63	73290	4.812	ug/L	99
38) Bromodichloromethane	7.102	83	88768	4.950	ug/L	95
39) cis-1,3-Dichloropropene	7.604	75	97224	5.029	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	416038	47.762	ug/L	97
42) Toluene	7.967	91	294276	5.205	ug/L	97
44) trans-1,3-Dichloropropene	8.205	75	81355	4.875	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	47029	4.909	ug/L	98
47) Tetrachloroethene	8.549	164	53292	5.388	ug/L	94
48) 2-Hexanone	8.681	43	317959	49.853	ug/L	97
49) Dibromochloromethane	8.806	129	57653	5.205	ug/L	98
50) 1,2-Dibromoethane	8.919	107	45195	5.132	ug/L	97
51) Chlorobenzene	9.443	112	180218	5.117	ug/L	99
52) Ethylbenzene	9.568	91	302265	5.249	ug/L	100
53) m,p-Xylene	9.690	106	121775	5.582	ug/L	96
54) o-Xylene	10.095	106	113372	5.435	ug/L	97
55) Styrene	10.112	104	195758	5.502	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	59498	4.754	ug/L	99
59) Bromoform	10.288	173	30995	5.017	ug/L	98
60) Isopropylbenzene	10.481	105	302588	5.373	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	42281	4.579	ug/L	92
62) 1,3,5-Trimethylbenzene	11.086	105	239923	5.342	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	244370	5.401	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	138319	5.163	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	139725	5.113	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	127054	5.040	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	9749	4.578	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.214	180	102839	5.168	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	82644	5.178	ug/L	98
71) Naphthalene	14.082	128	131602	4.750	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	73997	5.061	ug/L	98

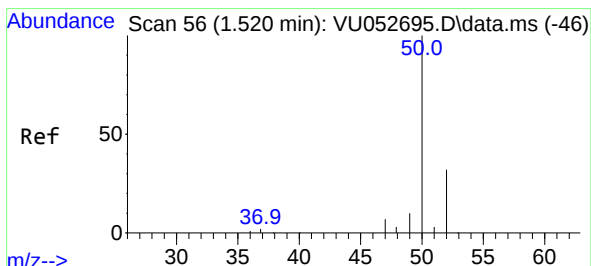
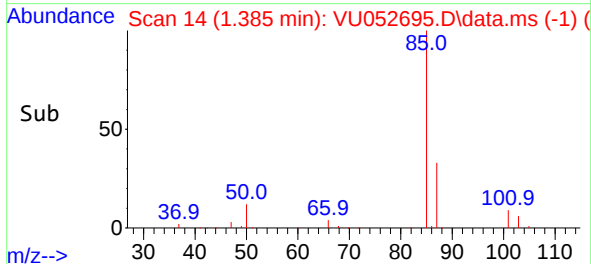
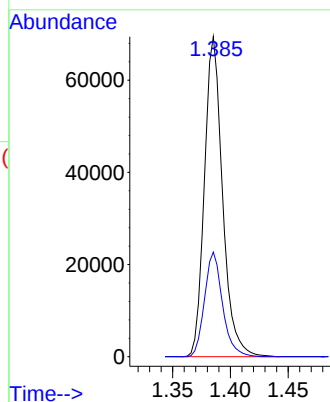
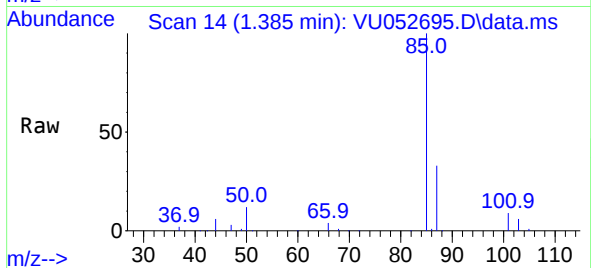
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.755 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

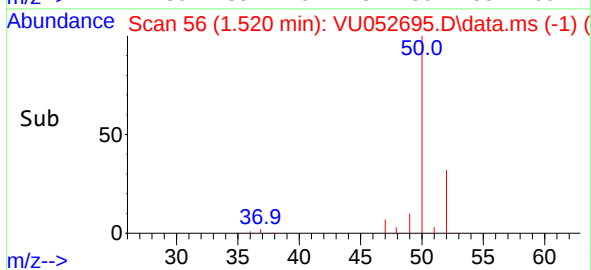
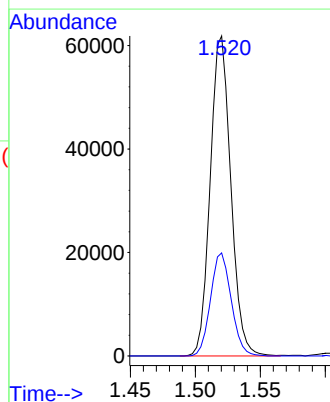
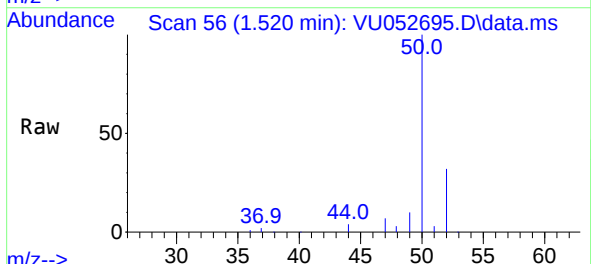
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

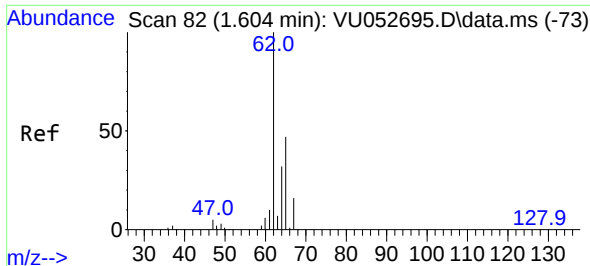
Tgt Ion: 85 Resp: 75781
Ion Ratio Lower Upper
85 100
87 32.5 25.5 38.3



#3
Chloromethane
Concen: 3.520 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 50 Resp: 68128
Ion Ratio Lower Upper
50 100
52 32.2 22.7 42.3

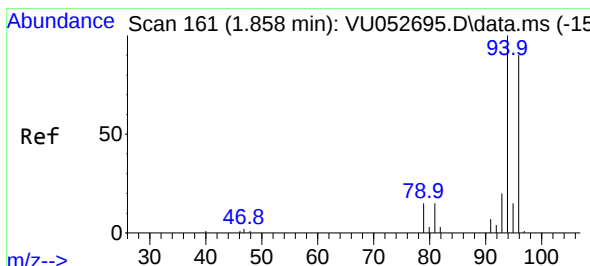
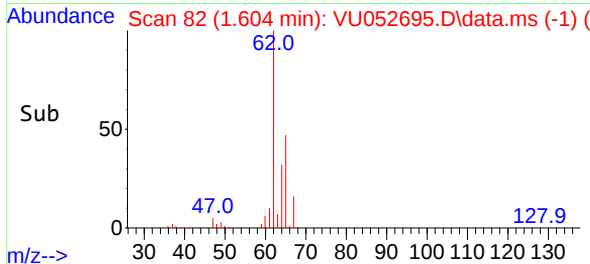
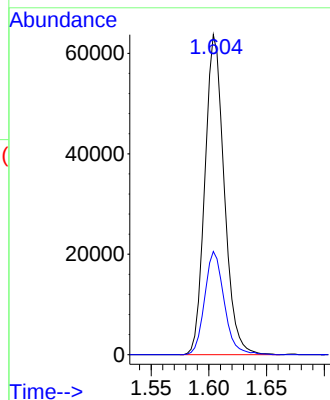
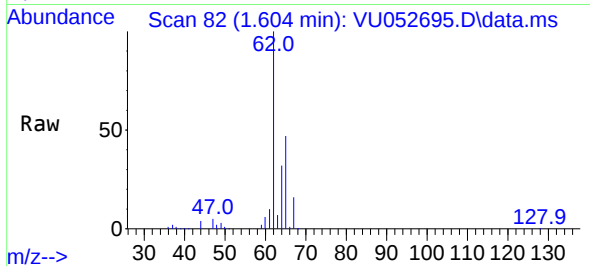




#5
 Vinyl chloride
 Concen: 4.006 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052695.D
 Acq: 16 Jan 2023 11:09

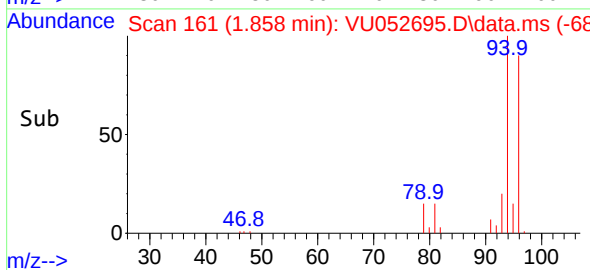
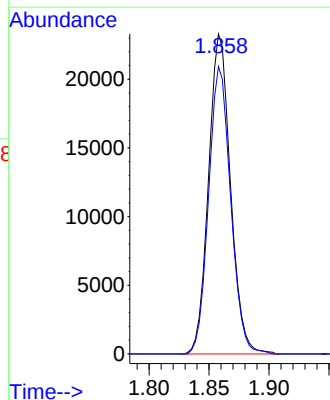
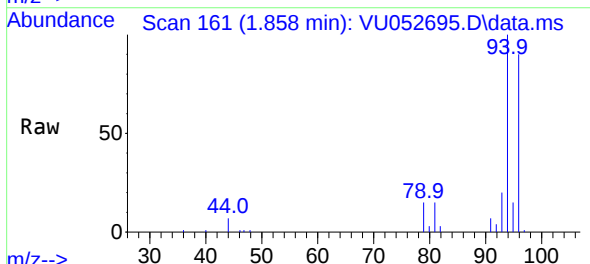
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

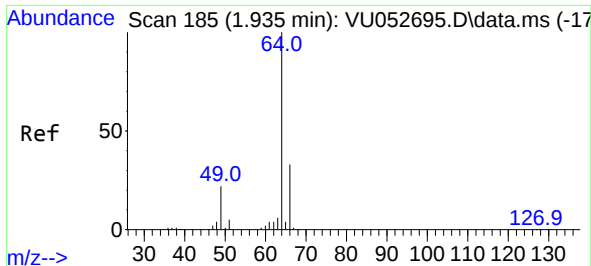
Tgt Ion: 62 Resp: 74165
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.3 41.3



#6
 Bromomethane
 Concen: 3.082 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU052695.D
 Acq: 16 Jan 2023 11:09

Tgt Ion: 94 Resp: 29620
 Ion Ratio Lower Upper
 94 100
 96 89.8 62.2 115.6

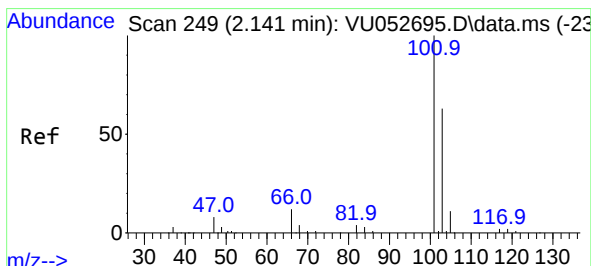
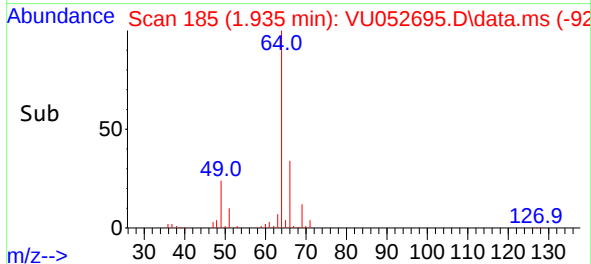
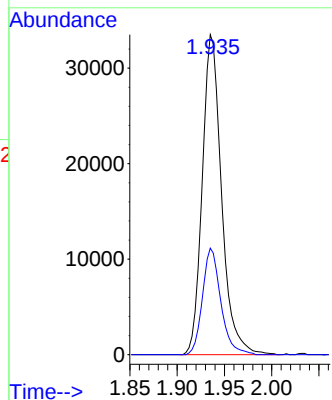
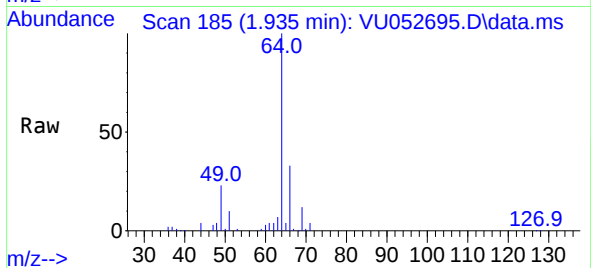




#8
Chloroethane
Concen: 4.226 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

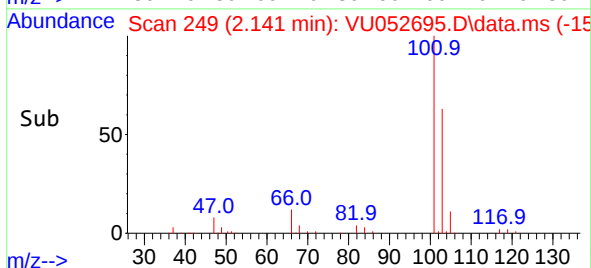
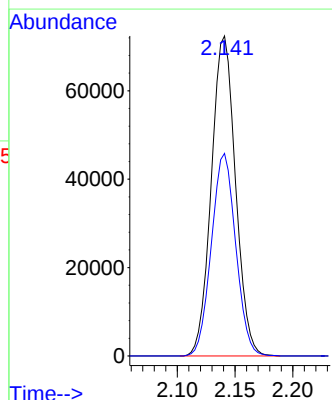
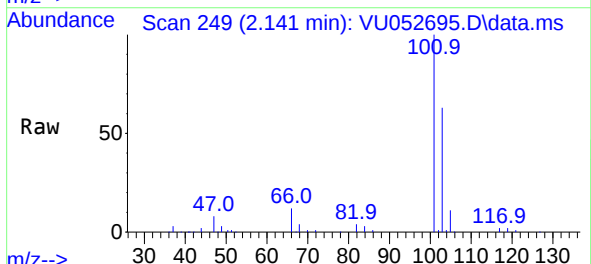
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

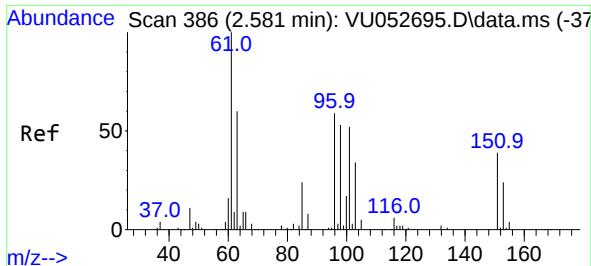
Tgt Ion: 64 Resp: 47572
Ion Ratio Lower Upper
64 100
66 33.3 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.829 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion:101 Resp: 105403
Ion Ratio Lower Upper
101 100
103 63.7 51.0 76.6

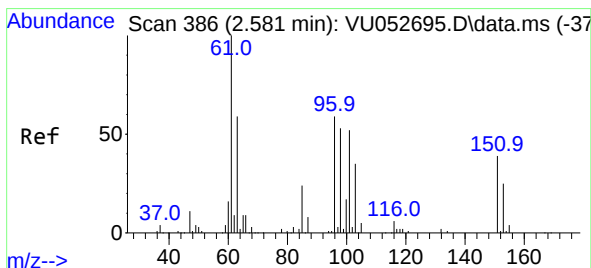
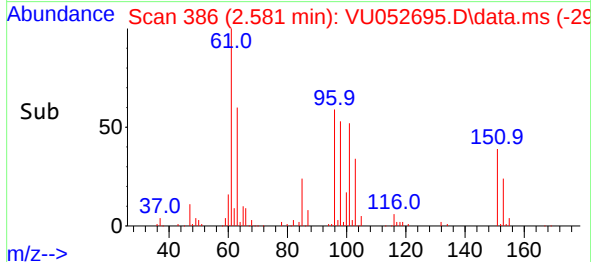
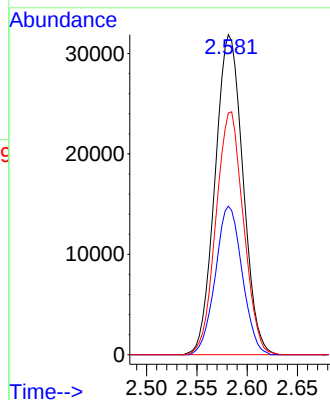
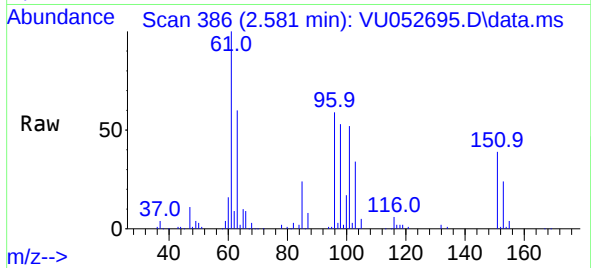




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.793 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

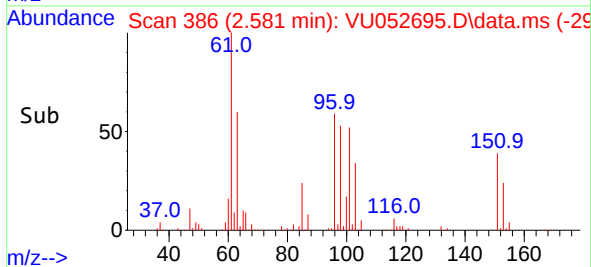
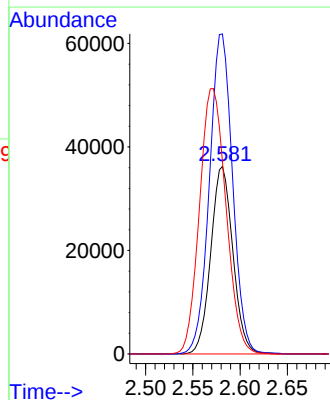
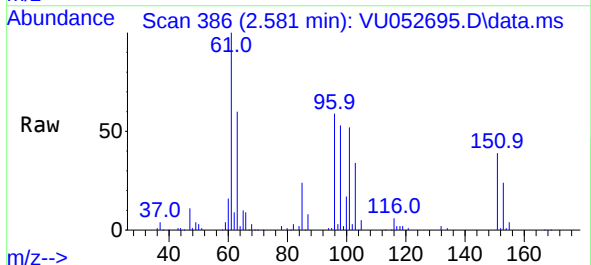
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

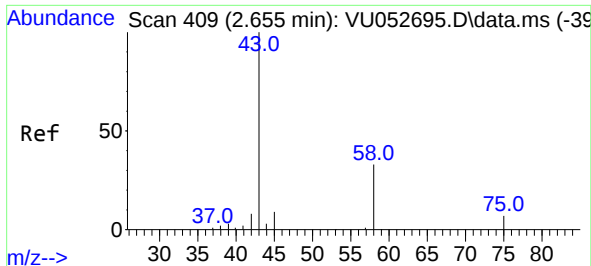
Tgt Ion:101 Resp: 61541
Ion Ratio Lower Upper
101 100
85 44.6 35.0 52.6
151 74.8 55.0 82.6



#12
1,1-Dichloroethene
Concen: 4.586 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 96 Resp: 58983
Ion Ratio Lower Upper
96 100
61 170.5 129.6 240.8
63 102.6 83.7 155.5





#13

Acetone

Concen: 46.427 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU052695.D

Acq: 16 Jan 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

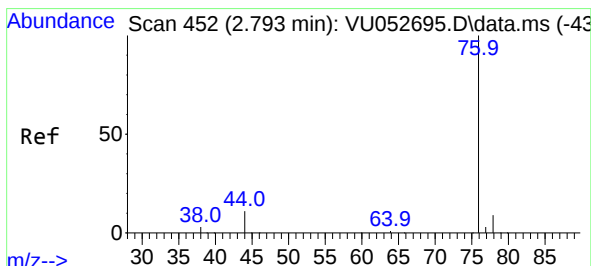
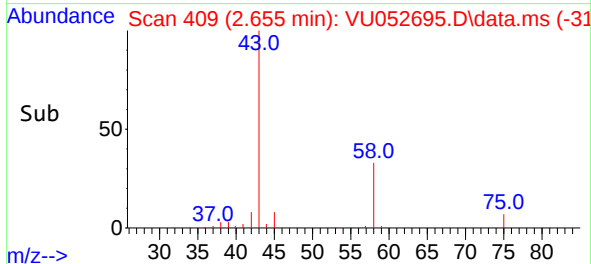
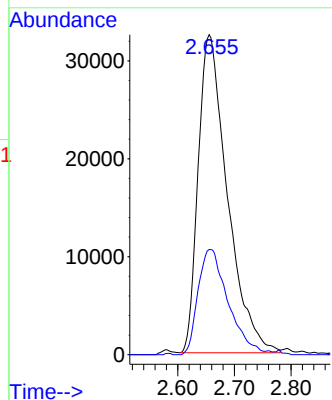
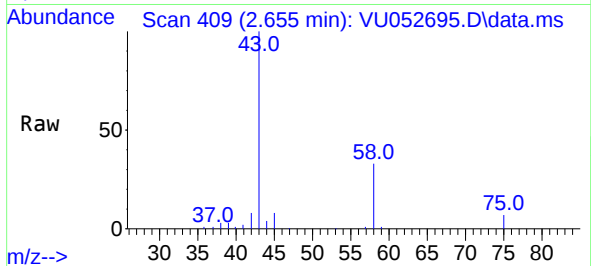
VSTD005126

Tgt Ion: 43 Resp: 116018

Ion Ratio Lower Upper

43 100

58 34.1 0.0 68.8



#14

Carbon disulfide

Concen: 4.663 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052695.D

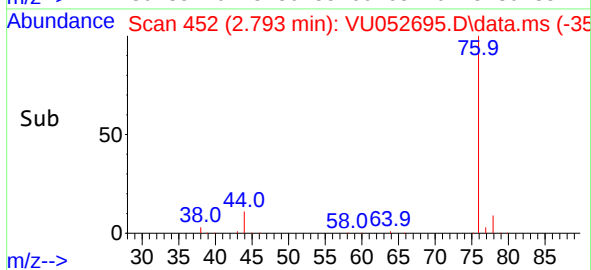
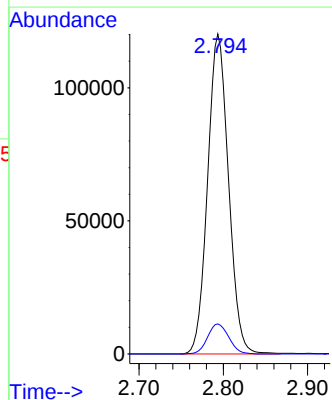
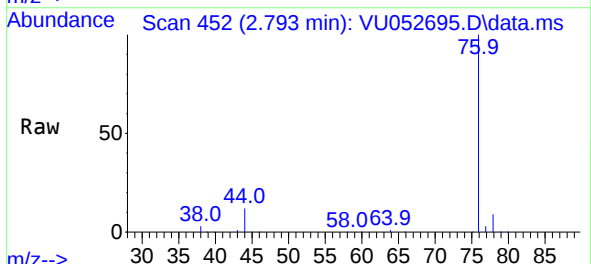
Acq: 16 Jan 2023 11:09

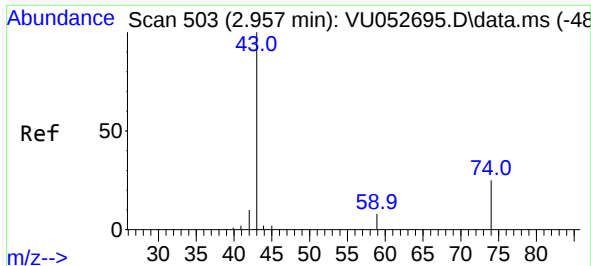
Tgt Ion: 76 Resp: 207230

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6

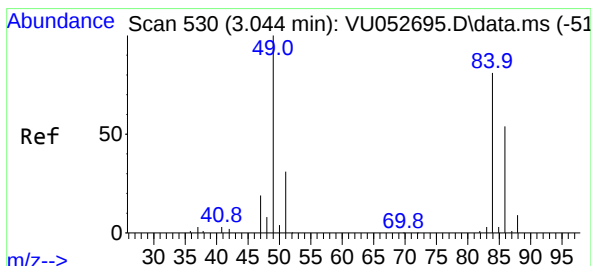
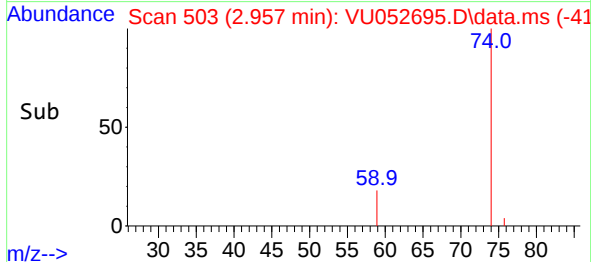
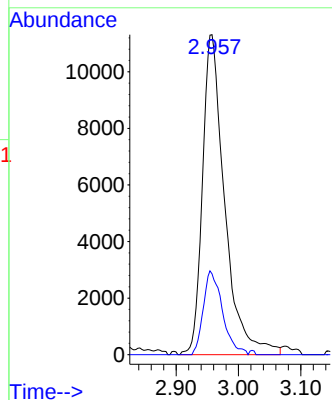
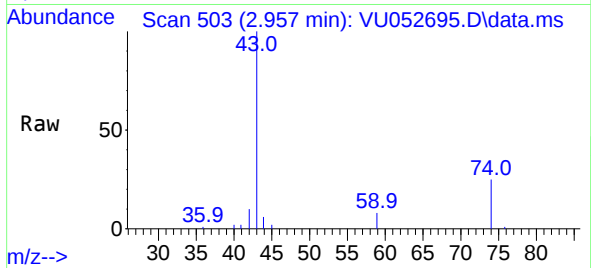




#15
Methyl Acetate
Concen: 4.678 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

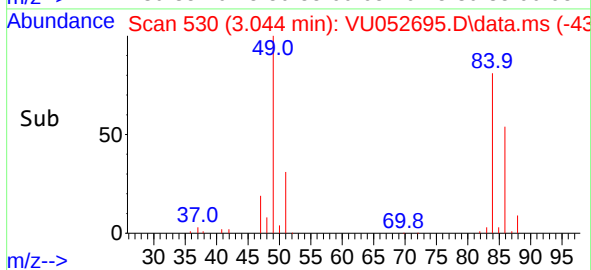
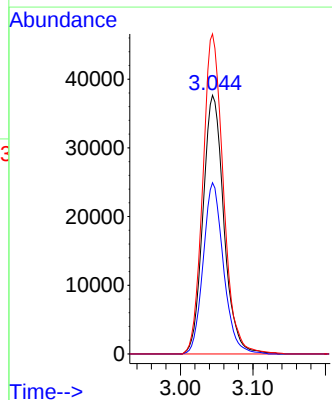
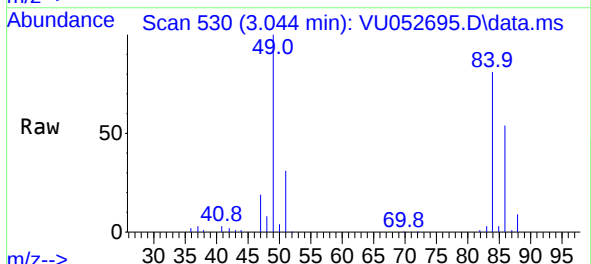
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

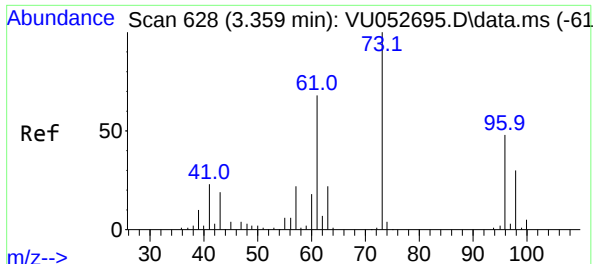
Tgt Ion: 43 Resp: 28027
Ion Ratio Lower Upper
43 100
74 22.6 17.5 26.3



#16
Methylene chloride
Concen: 4.403 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 84 Resp: 75345
Ion Ratio Lower Upper
84 100
86 66.2 45.6 84.6
49 123.7 94.8 176.0

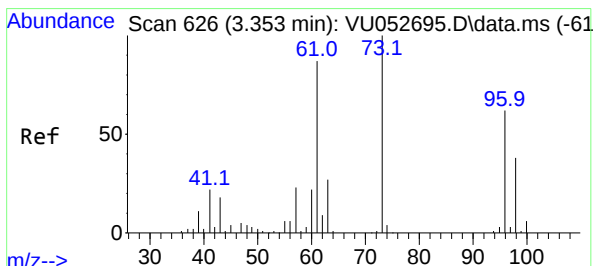
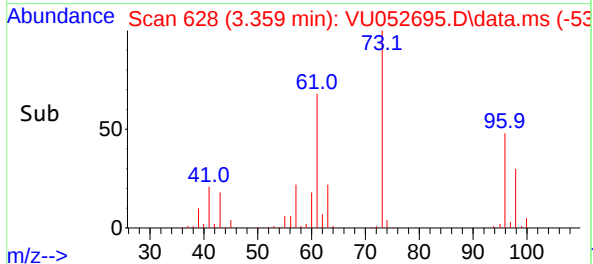
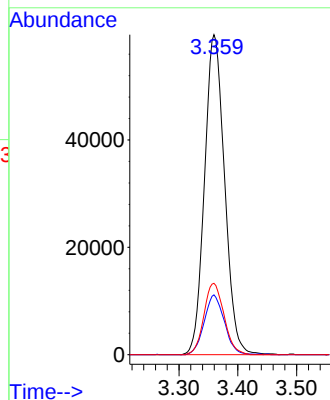
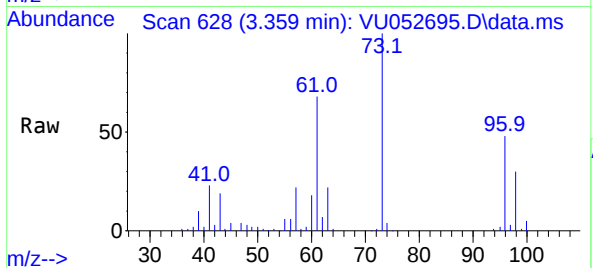




#17
Methyl tert-butyl Ether
Concen: 4.975 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

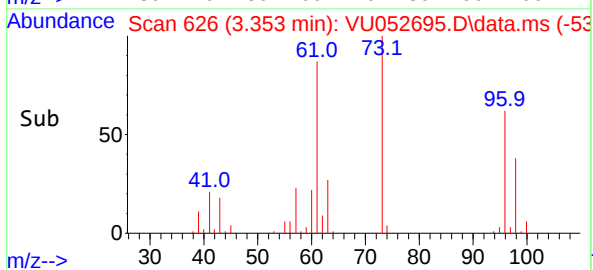
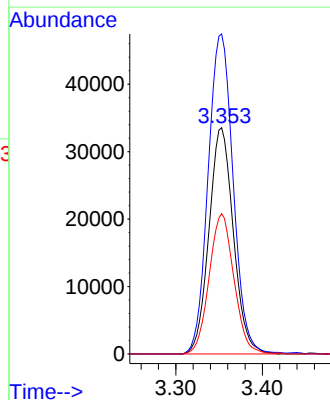
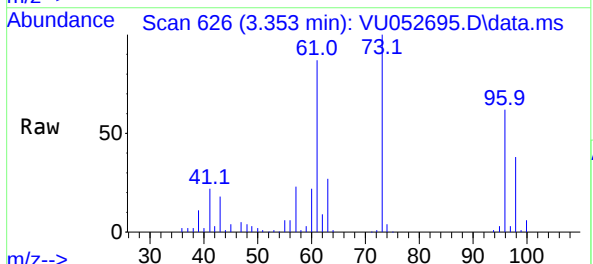
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

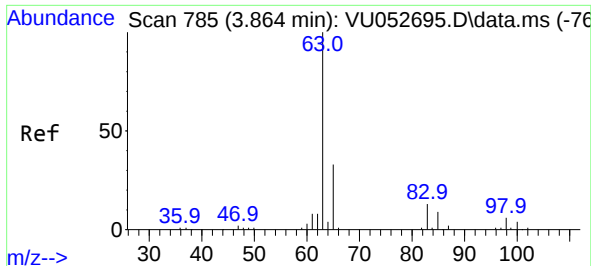
Tgt Ion: 73 Resp: 141586
Ion Ratio Lower Upper
73 100
43 18.8 15.8 23.8
57 22.4 18.6 28.0



#18
trans-1,2-Dichloroethene
Concen: 5.017 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 96 Resp: 65803
Ion Ratio Lower Upper
96 100
61 141.5 108.4 201.4
98 62.1 43.8 81.4

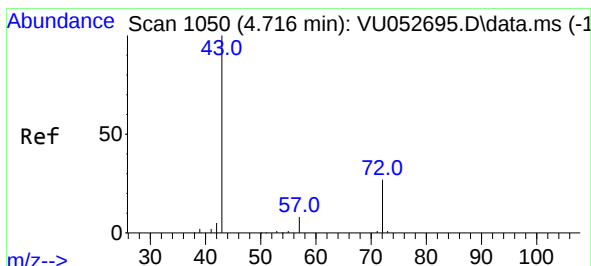
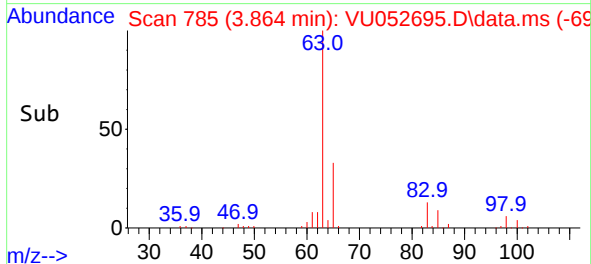
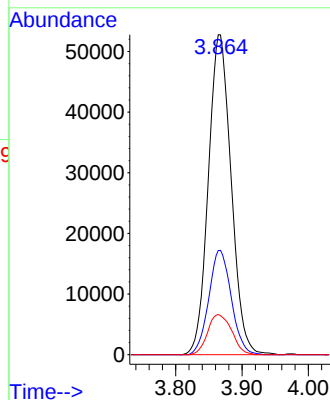
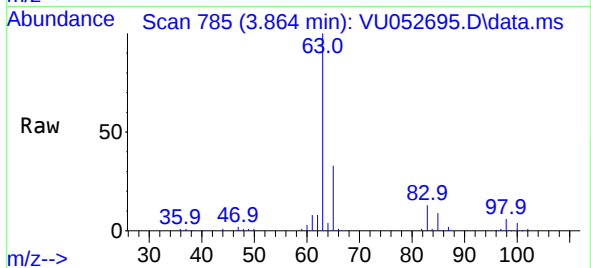




#19
1,1-Dichloroethane
Concen: 4.624 ug/L
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

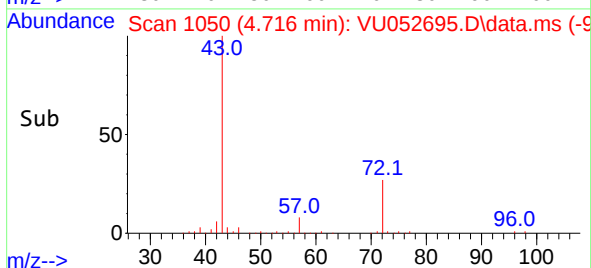
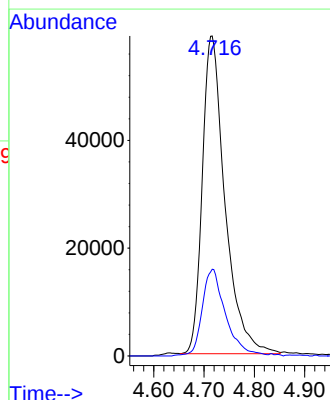
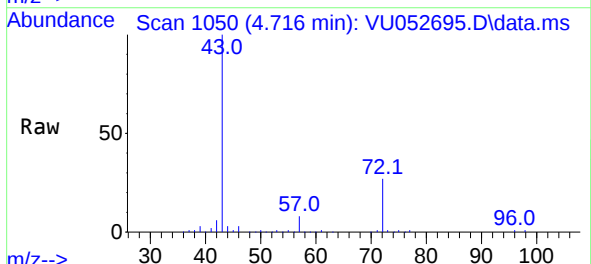
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

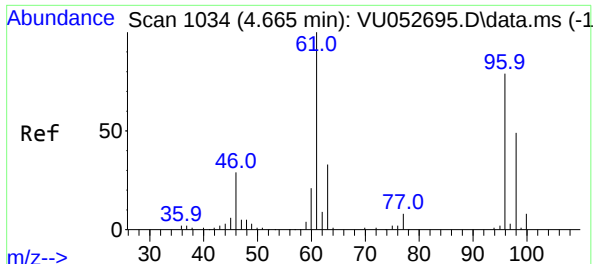
Tgt Ion: 63 Resp: 125926
Ion Ratio Lower Upper
63 100
65 32.5 22.0 41.0
83 12.6 8.9 16.5



#21
2-Butanone
Concen: 45.972 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 43 Resp: 184933
Ion Ratio Lower Upper
43 100
72 28.1 12.9 38.6



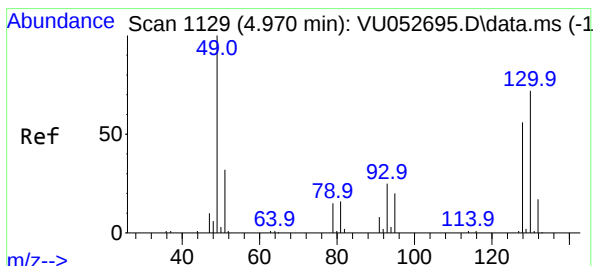
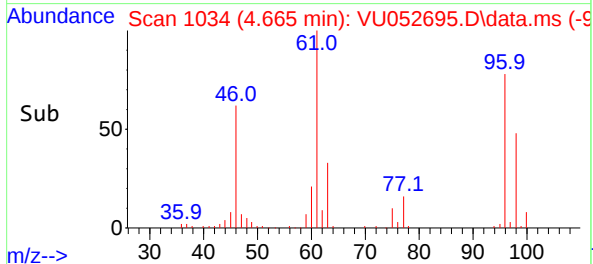
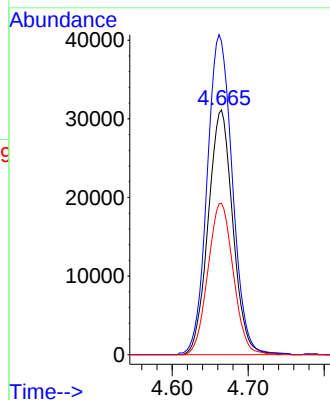
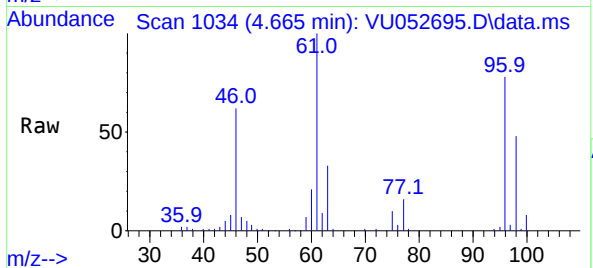


#22
cis-1,2-Dichloroethene
Concen: 4.983 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Tgt Ion: 96 Resp: 70184

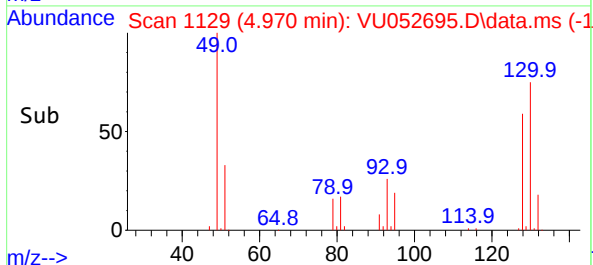
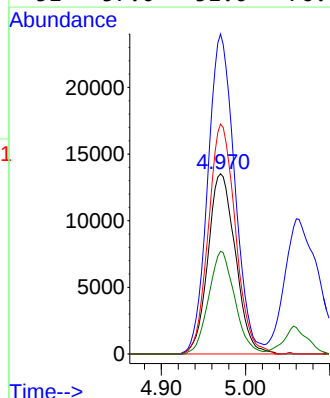
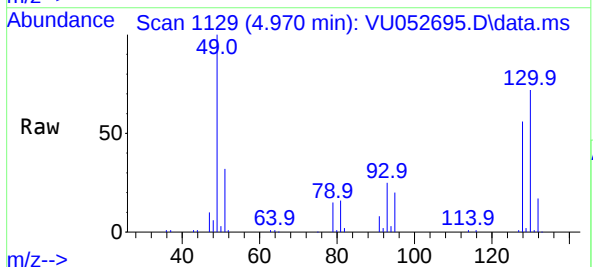
Ion	Ratio	Lower	Upper
96	100		
61	127.9	94.6	175.8
98	61.8	43.3	80.3

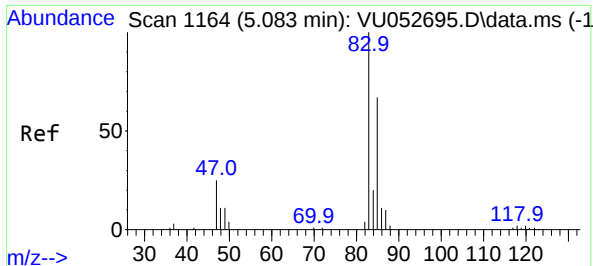


#23
Bromochloromethane
Concen: 5.127 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 128 Resp: 30571

Ion	Ratio	Lower	Upper
128	100		
49	177.5	142.8	265.2
130	127.6	91.3	169.5
51	57.0	51.0	76.4

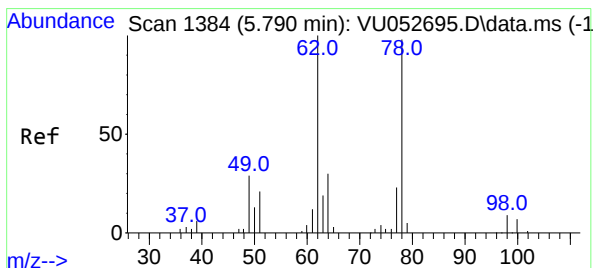
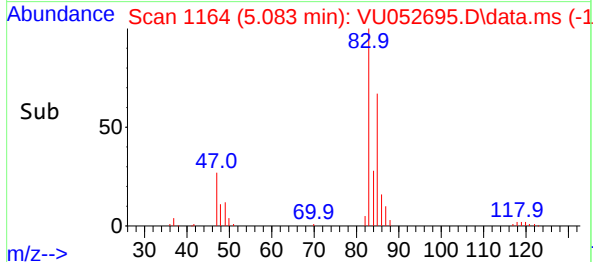
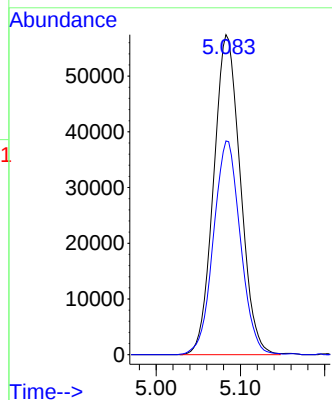
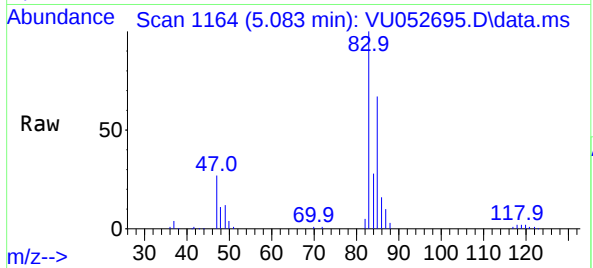




#25
Chloroform
Concen: 4.721 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

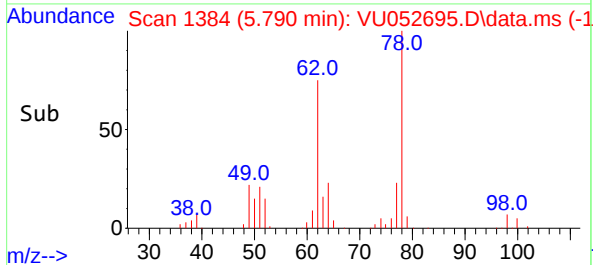
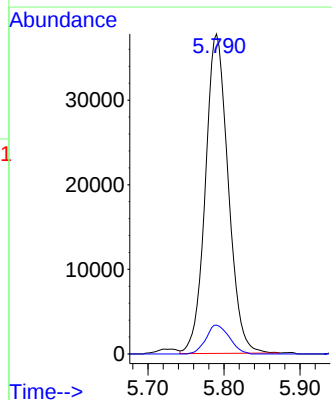
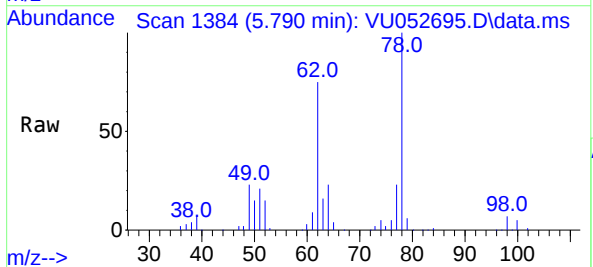
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

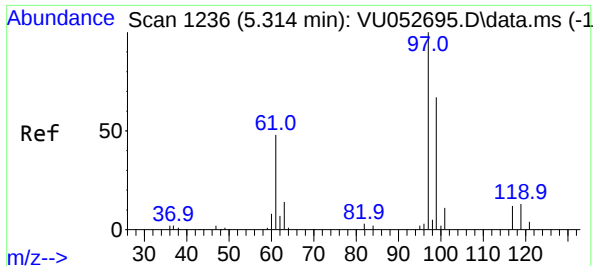
Tgt Ion: 83 Resp: 126396
Ion Ratio Lower Upper
83 100
85 66.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 4.854 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 62 Resp: 78750
Ion Ratio Lower Upper
62 100
98 9.0 7.5 11.3



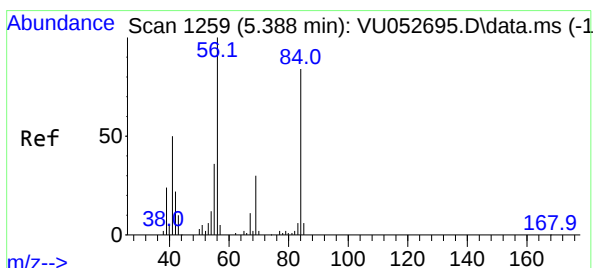
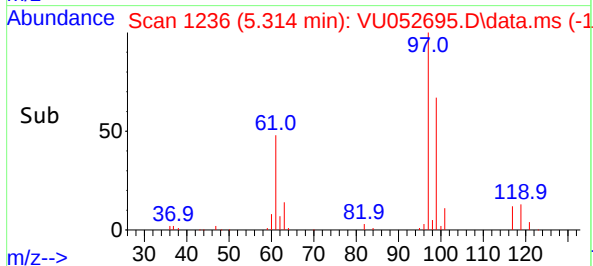
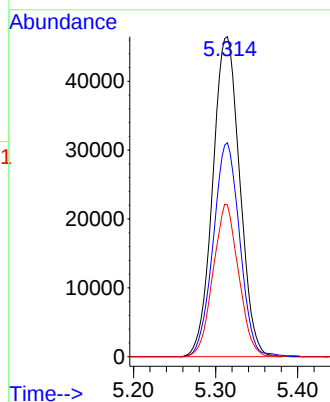
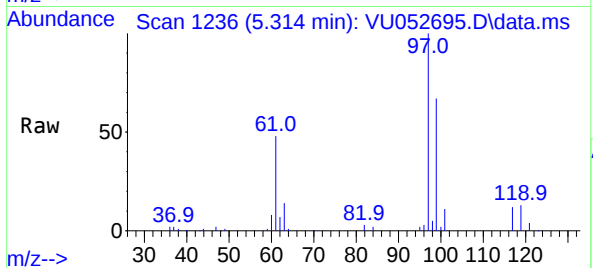


#29
1,1,1-Trichloroethane
Concen: 4.731 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Tgt Ion: 97 Resp: 106428

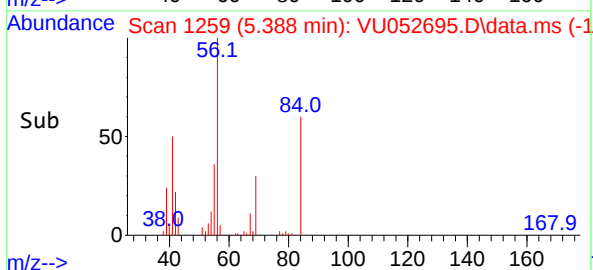
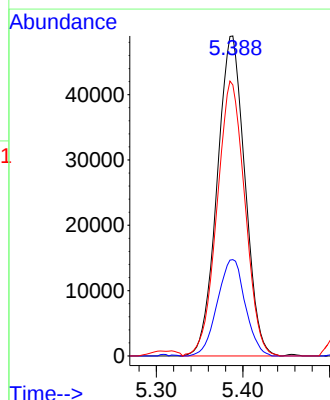
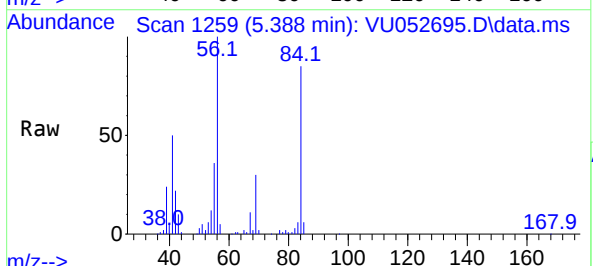
Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.4	78.6
61	45.1	38.5	57.7

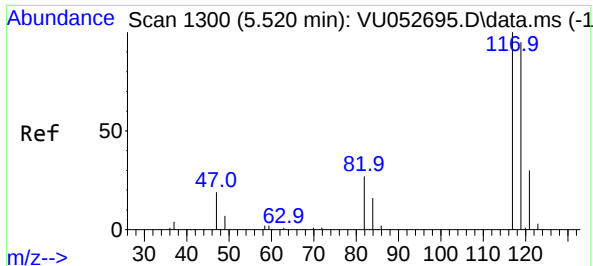


#30
Cyclohexane
Concen: 4.812 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 56 Resp: 108929

Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.8	35.8
84	86.3	66.2	99.4

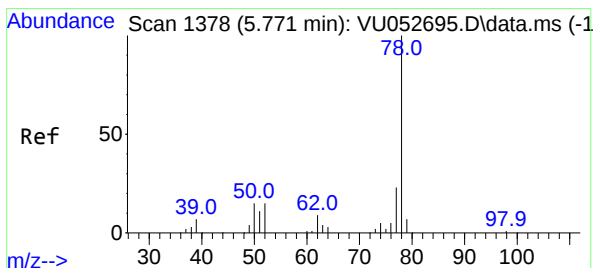
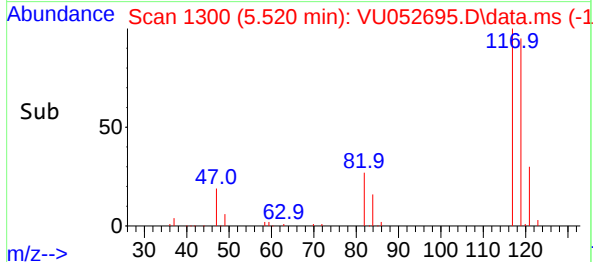
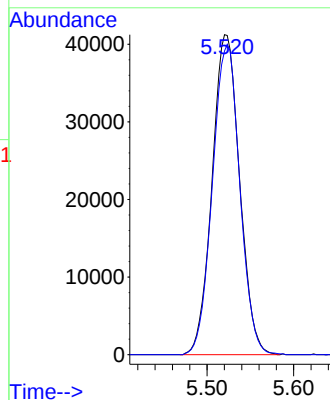
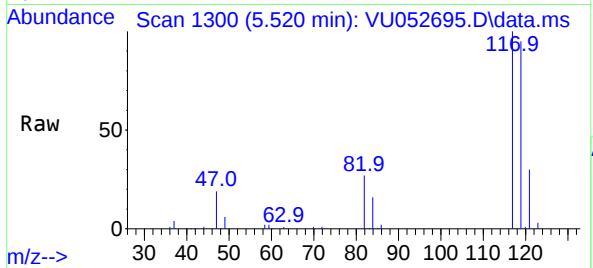




#31
Carbon tetrachloride
Concen: 5.157 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

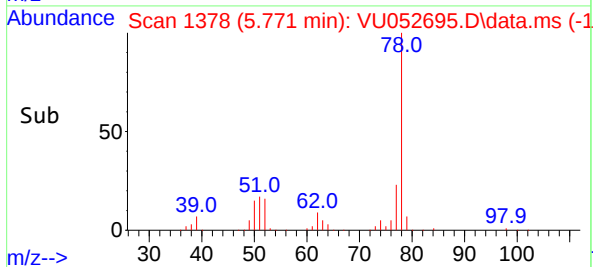
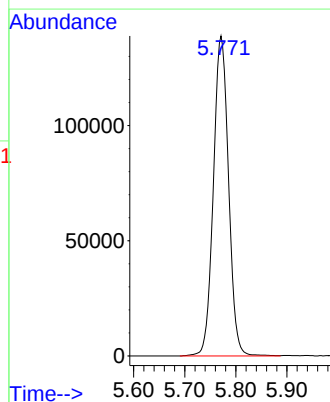
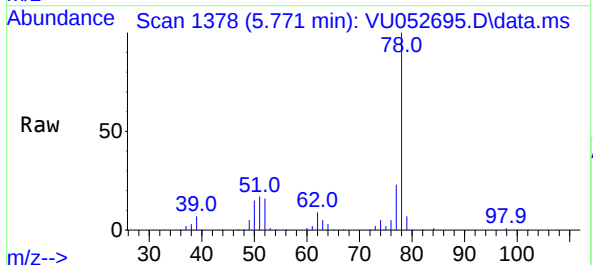
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

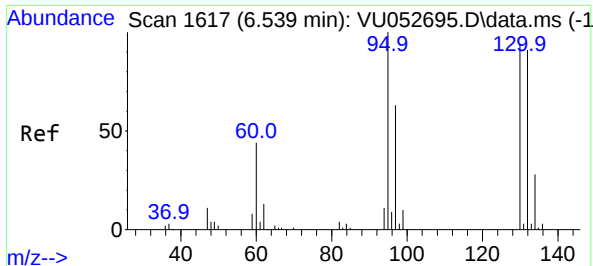
Tgt Ion:117 Resp: 90900
Ion Ratio Lower Upper
117 100
119 96.6 77.8 116.8



#33
Benzene
Concen: 5.042 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 78 Resp: 286123



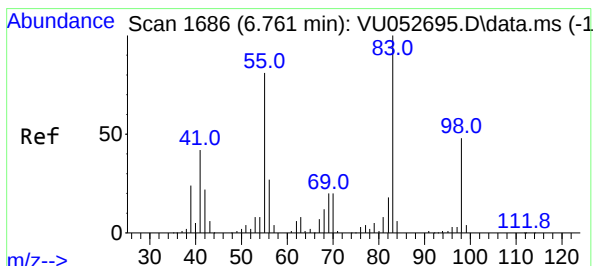
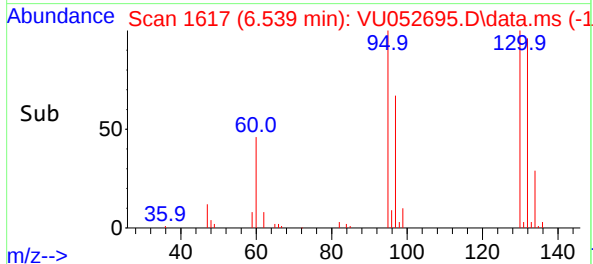
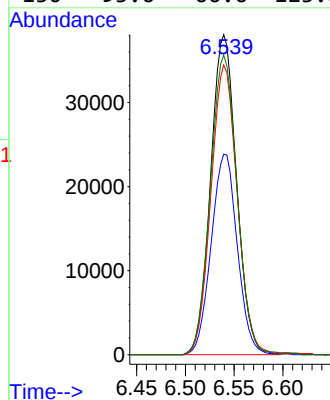
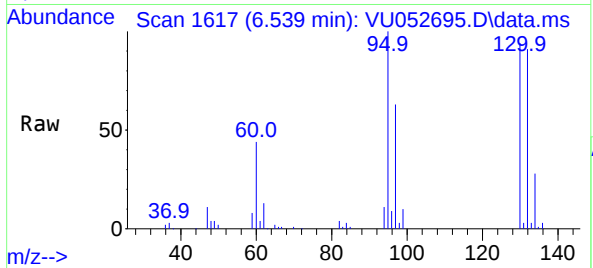


#34
Trichloroethene
Concen: 5.252 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Tgt Ion: 95 Resp: 70511

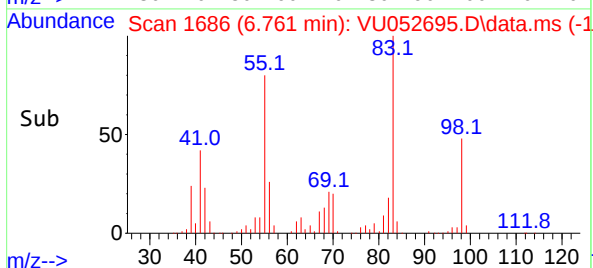
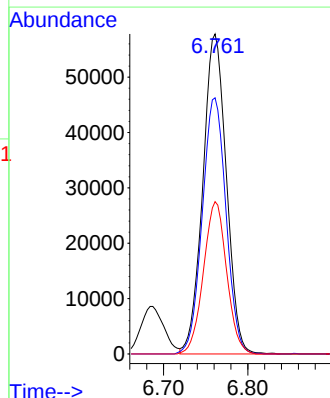
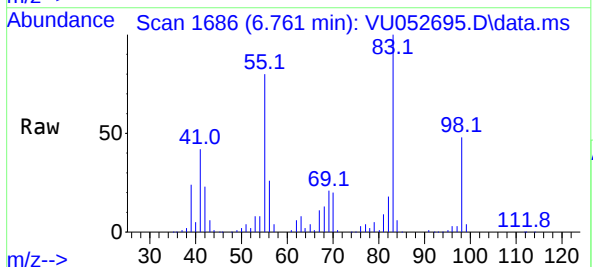
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.0	85.4
132	90.5	64.0	118.8
130	93.6	66.6	123.8

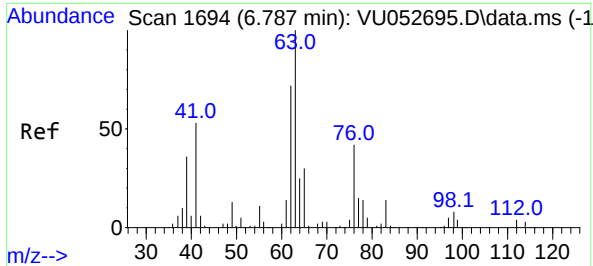


#35
Methylcyclohexane
Concen: 5.071 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 83 Resp: 112398

Ion	Ratio	Lower	Upper
83	100		
55	80.6	67.6	101.4
98	46.9	37.1	55.7

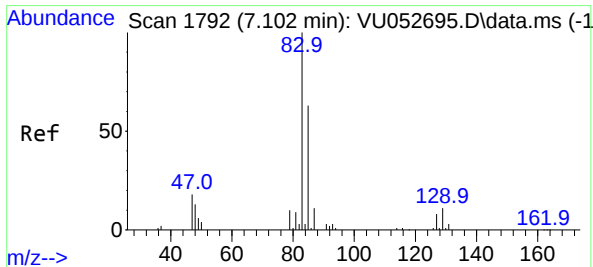
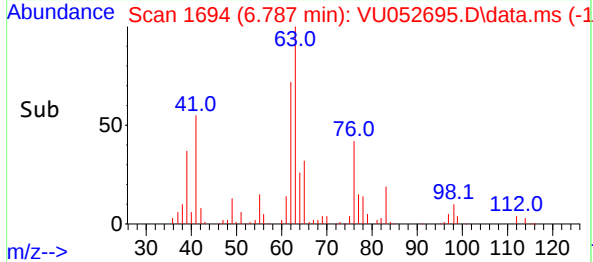
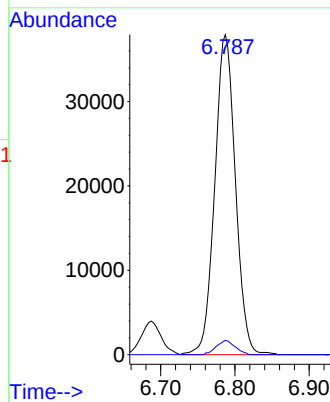
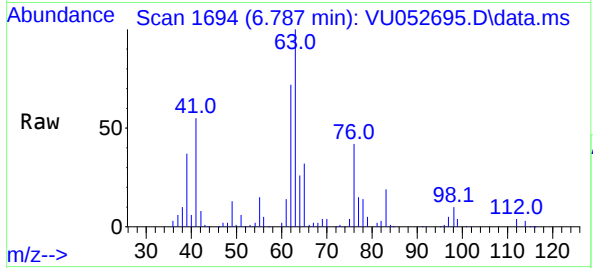




#37
1,2-Dichloropropane
Concen: 4.812 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

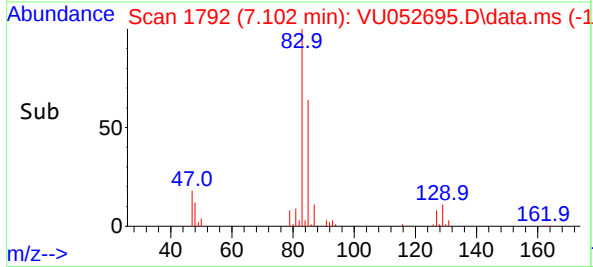
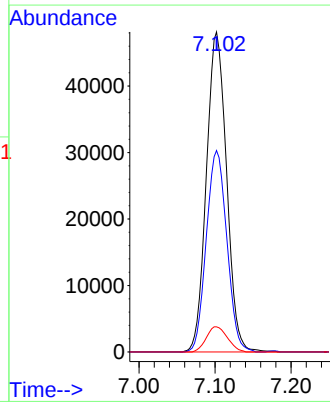
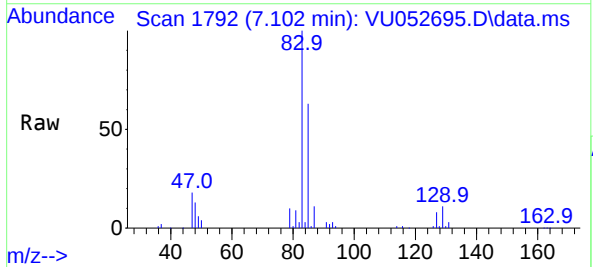
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

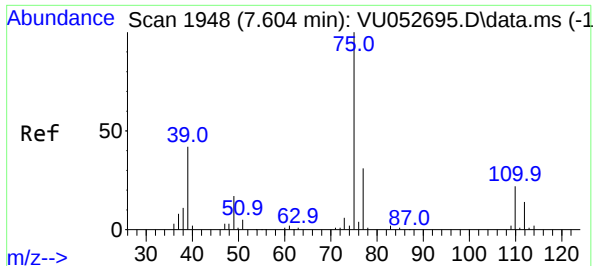
Tgt Ion: 63 Resp: 73290
Ion Ratio Lower Upper
63 100
112 4.1 2.9 4.3



#38
Bromodichloromethane
Concen: 4.950 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 83 Resp: 88768
Ion Ratio Lower Upper
83 100
85 62.9 47.0 87.4
127 7.9 6.9 10.3

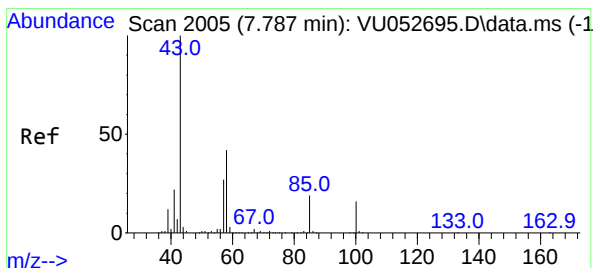
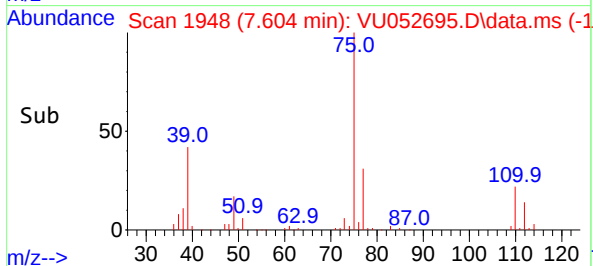
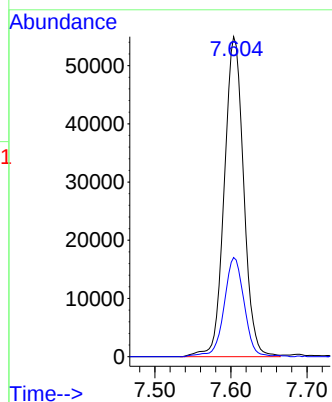
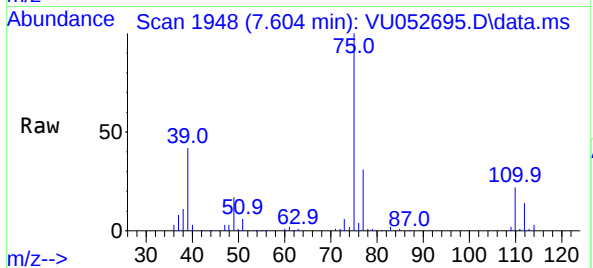




#39
 cis-1,3-Dichloropropene
 Concen: 5.029 ug/L
 RT: 7.604 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VU052695.D
 Acq: 16 Jan 2023 11:09

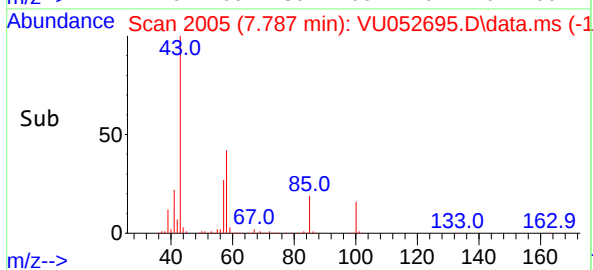
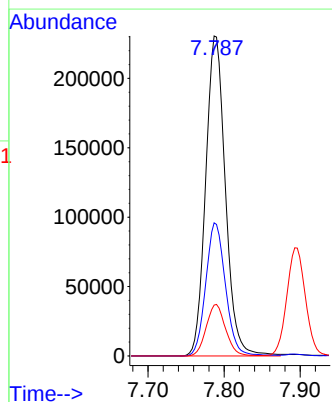
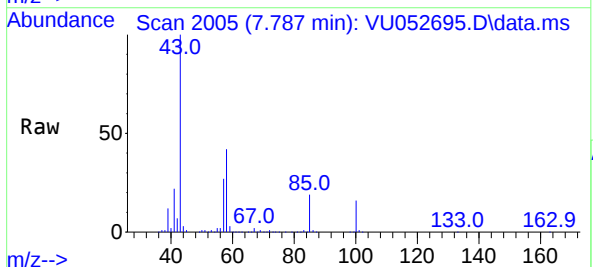
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

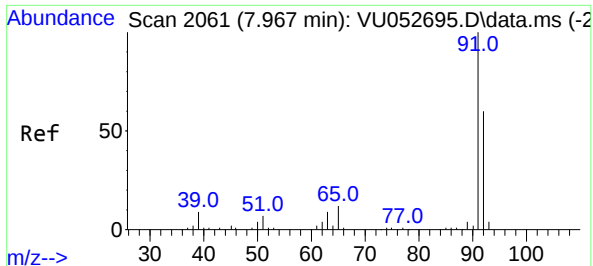
Tgt Ion: 75 Resp: 97224
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 47.762 ug/L
 RT: 7.787 min Scan# 2005
 Delta R.T. -0.003 min
 Lab File: VU052695.D
 Acq: 16 Jan 2023 11:09

Tgt Ion: 43 Resp: 416038
 Ion Ratio Lower Upper
 43 100
 58 41.7 32.0 48.0
 100 15.8 11.3 16.9

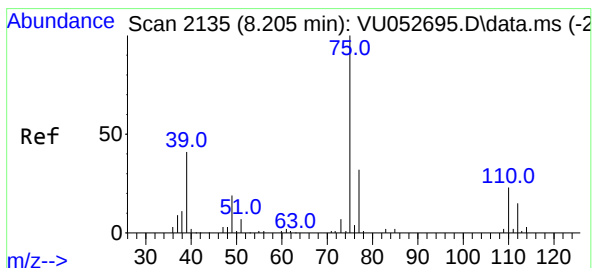
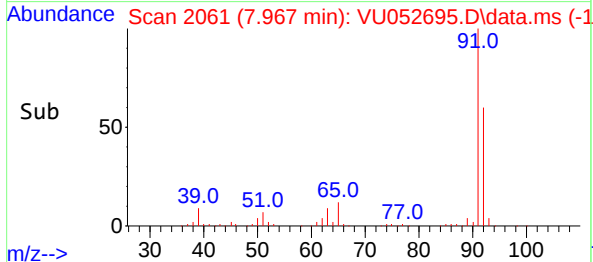
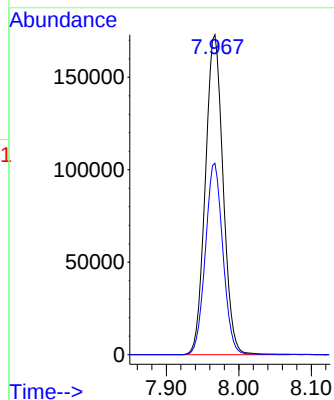
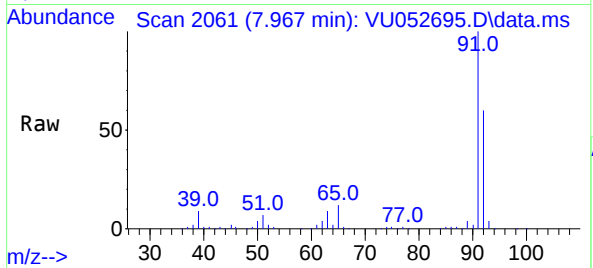




#42
Toluene
Concen: 5.205 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

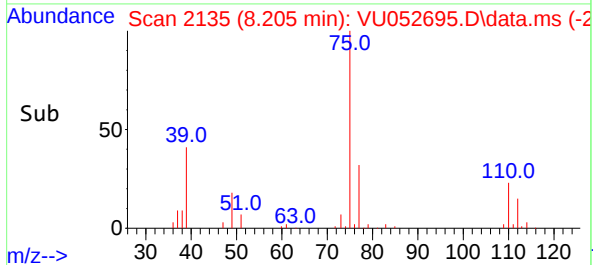
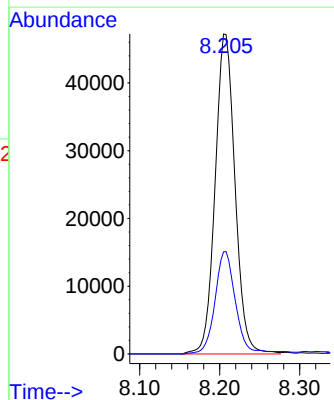
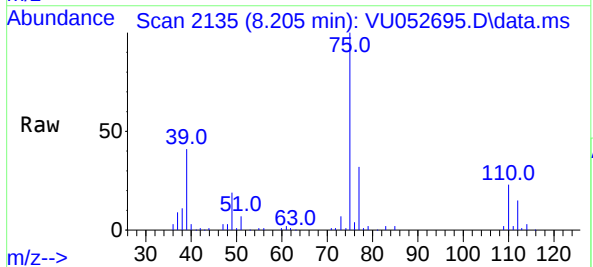
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

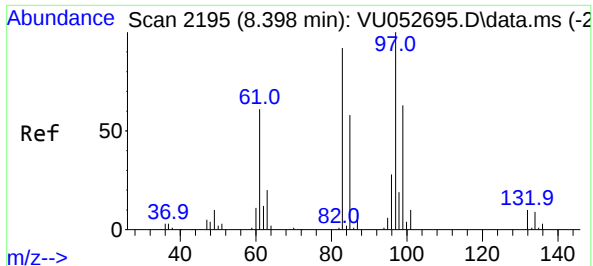
Tgt Ion: 91 Resp: 294276
Ion Ratio Lower Upper
91 100
92 59.8 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 4.875 ug/L
RT: 8.205 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 75 Resp: 81355
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.5



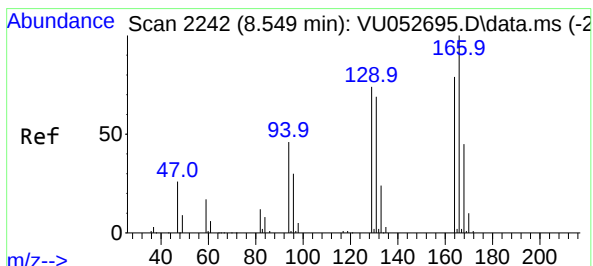
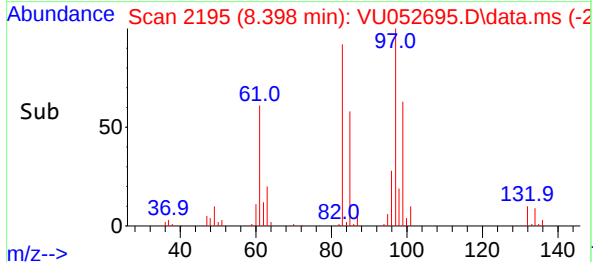
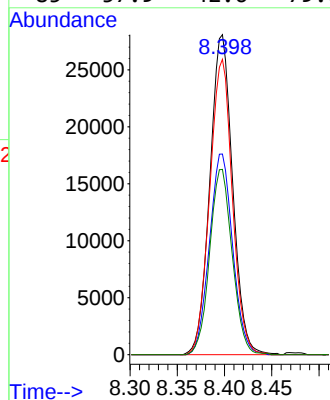
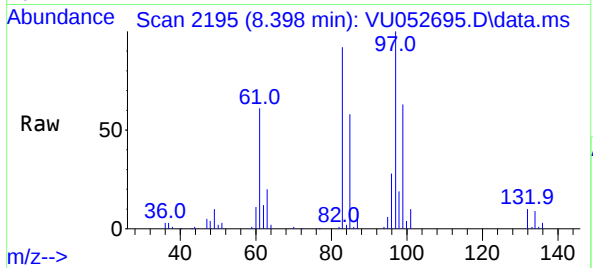


#45
1,1,2-Trichloroethane
Concen: 4.909 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Tgt Ion: 97 Resp: 47029

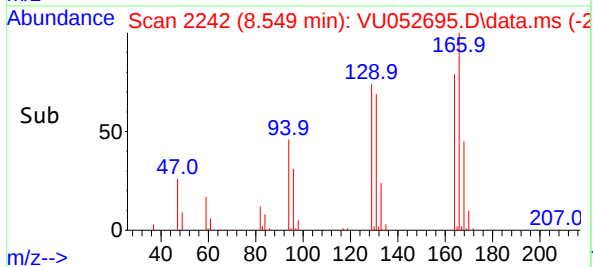
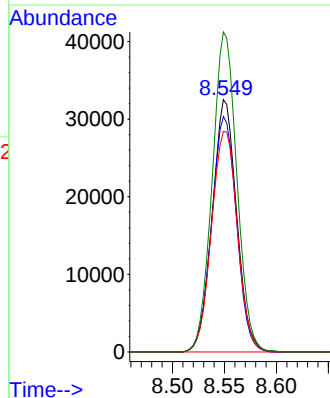
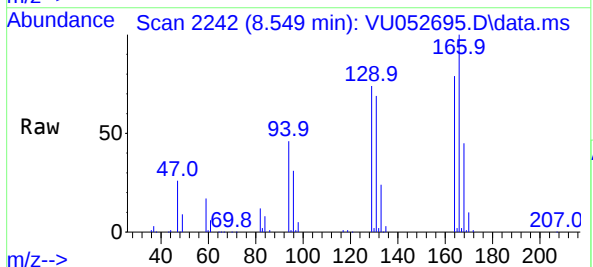
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.8	83.2
83	92.3	65.3	121.3
85	57.9	42.6	79.0

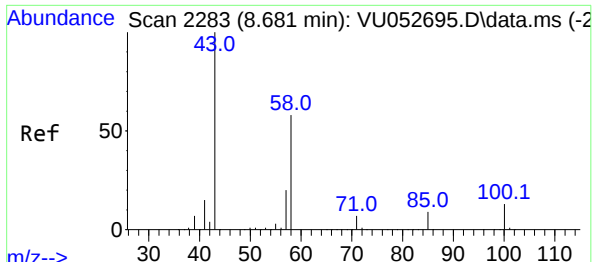


#47
Tetrachloroethene
Concen: 5.388 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 164 Resp: 53292

Ion	Ratio	Lower	Upper
164	100		
129	93.3	71.8	133.4
131	87.4	66.6	123.6
166	126.8	89.9	167.0

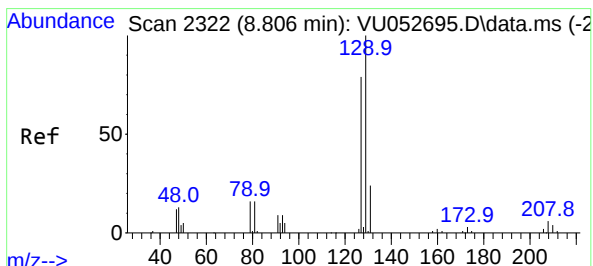
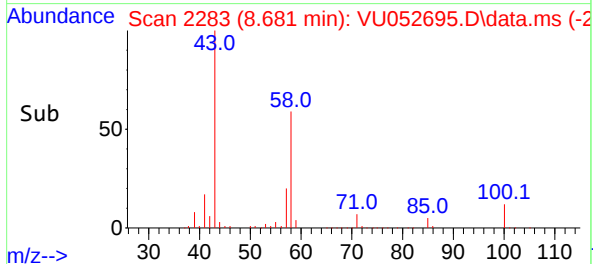
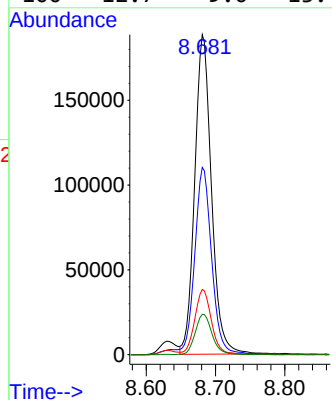
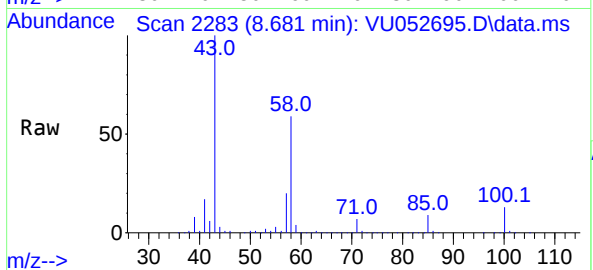




#48
2-Hexanone
Concen: 49.853 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

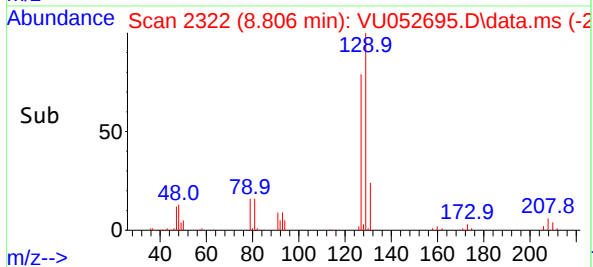
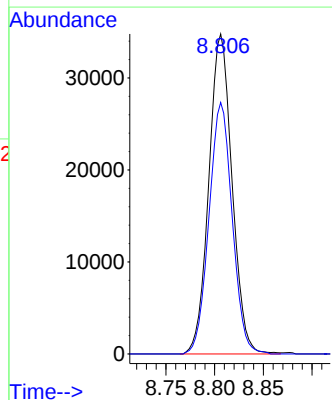
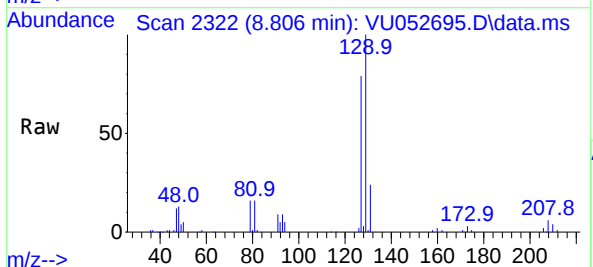
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

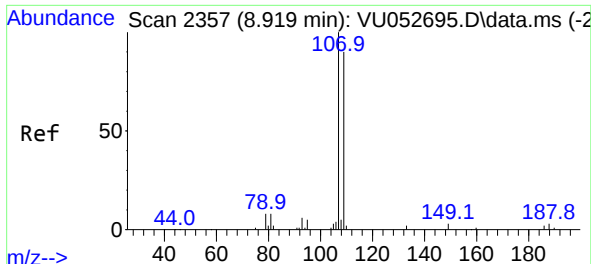
Tgt Ion: 43 Resp: 317959
Ion Ratio Lower Upper
43 100
58 59.0 45.1 67.7
57 20.3 15.1 22.7
100 12.7 9.0 13.4



#49
Dibromochloromethane
Concen: 5.205 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 129 Resp: 57653
Ion Ratio Lower Upper
129 100
127 78.6 53.5 99.5

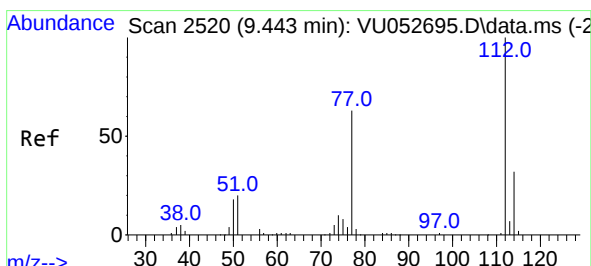
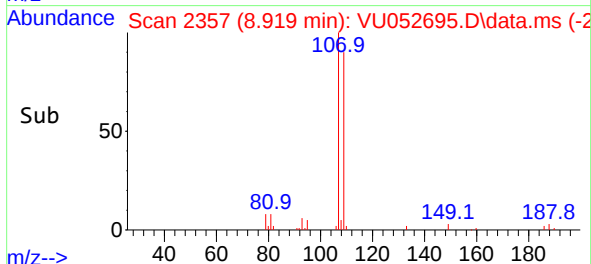
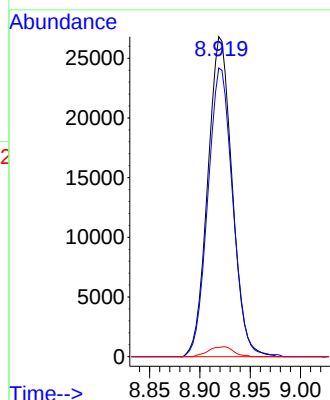
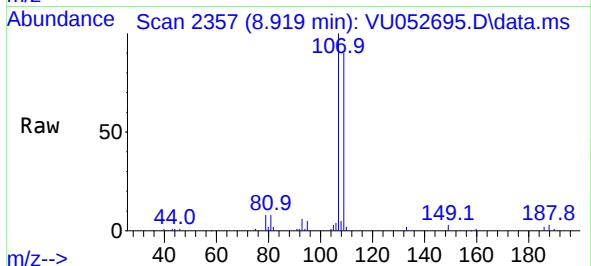




#50
1,2-Dibromoethane
Concen: 5.132 ug/L
RT: 8.919 min Scan# 2357
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

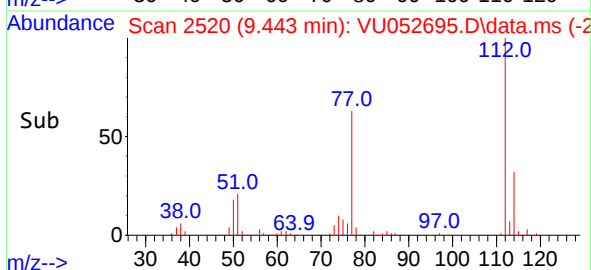
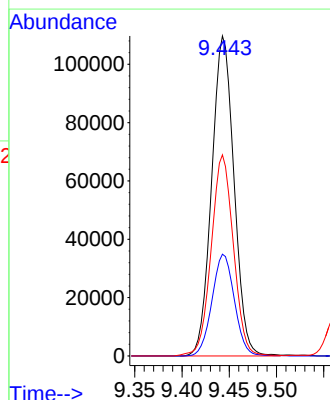
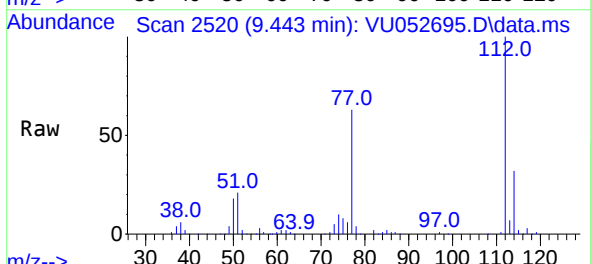
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

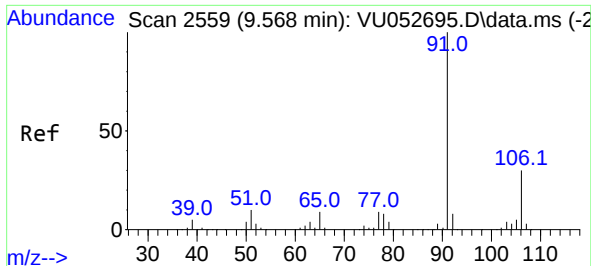
Tgt Ion:	107	Resp:	45195
Ion	Ratio	Lower	Upper
107	100		
109	90.2	65.3	121.3
188	2.9	2.4	3.6



#51
Chlorobenzene
Concen: 5.117 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion:	112	Resp:	180218
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.8	42.4
77	62.9	50.2	75.4

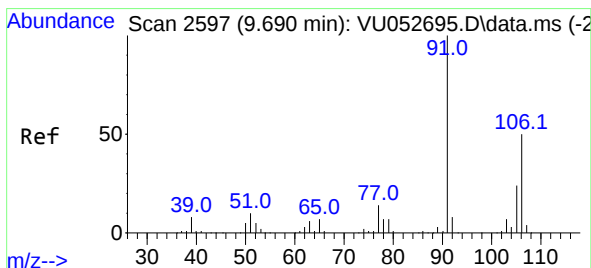
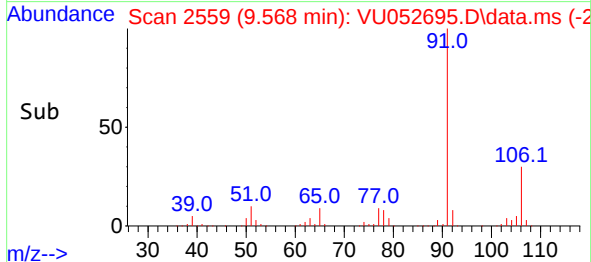
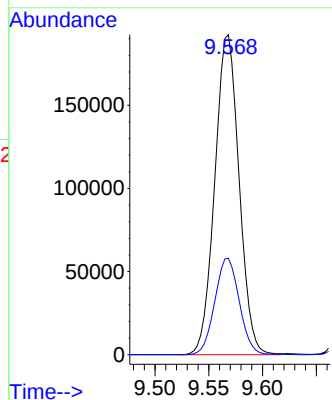
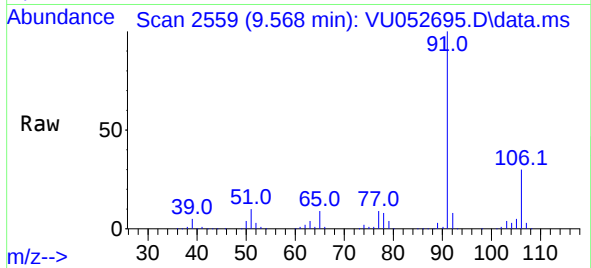




#52
Ethylbenzene
Concen: 5.249 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

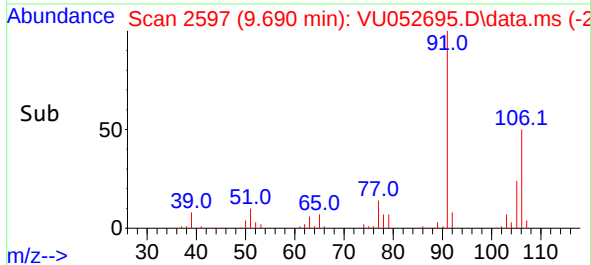
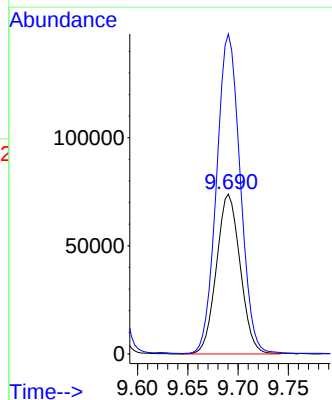
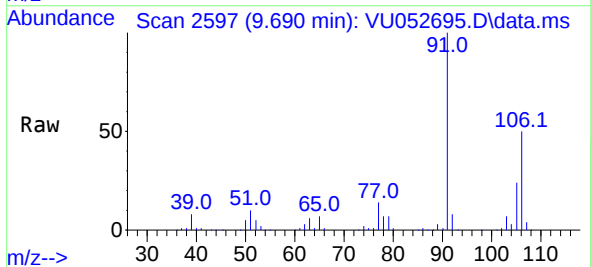
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

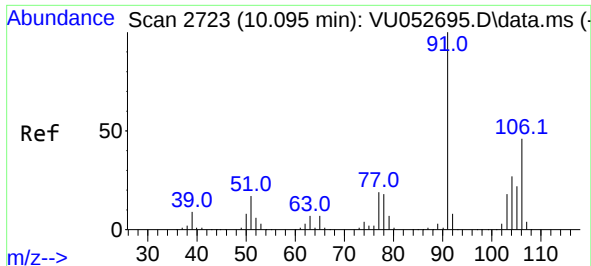
Tgt Ion: 91 Resp: 302265
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.3



#53
m,p-Xylene
Concen: 5.582 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 106 Resp: 121775
Ion Ratio Lower Upper
106 100
91 200.2 144.3 267.9

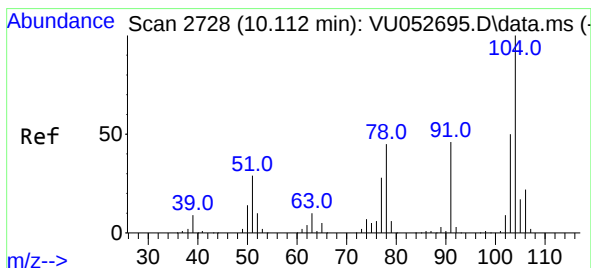
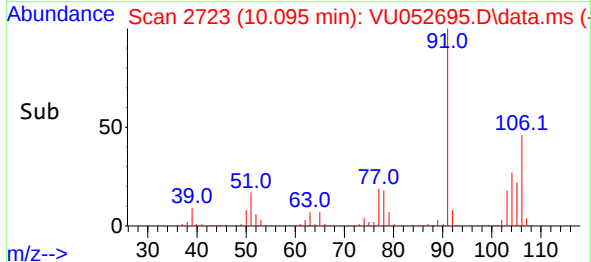
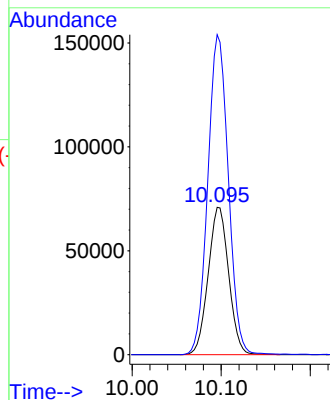
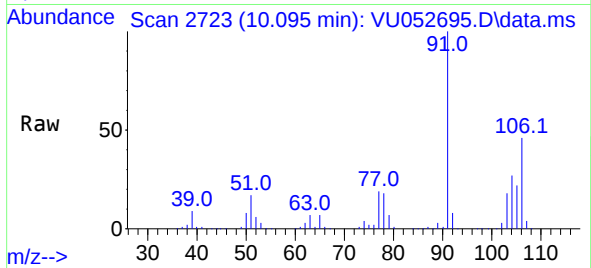




#54
o-Xylene
Concen: 5.435 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

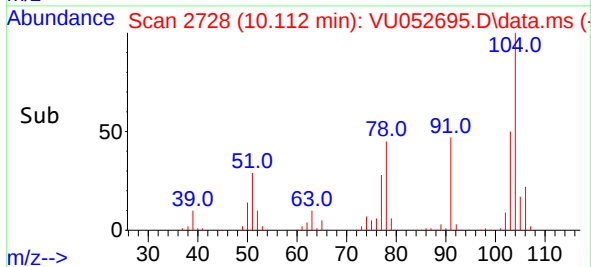
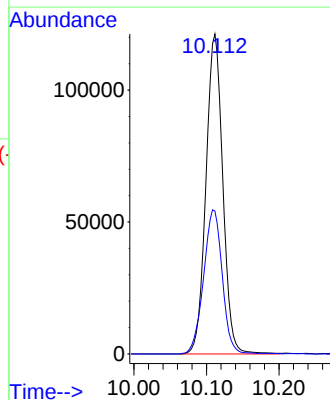
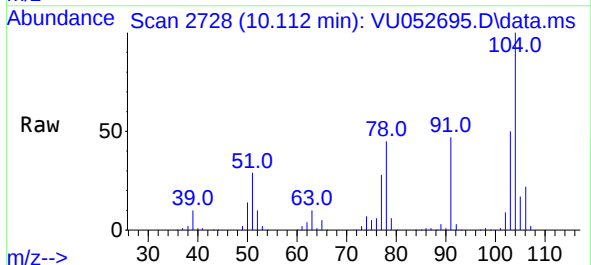
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

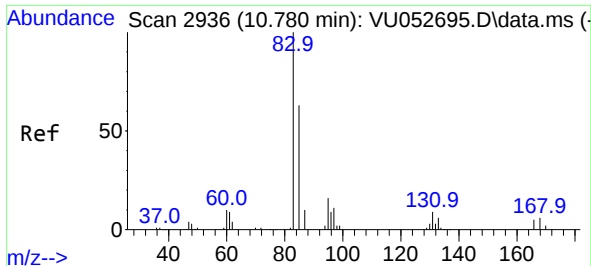
Tgt Ion:106 Resp: 113372
Ion Ratio Lower Upper
106 100
91 217.0 148.7 276.1



#55
Styrene
Concen: 5.502 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion:104 Resp: 195758
Ion Ratio Lower Upper
104 100
78 44.7 32.8 60.8

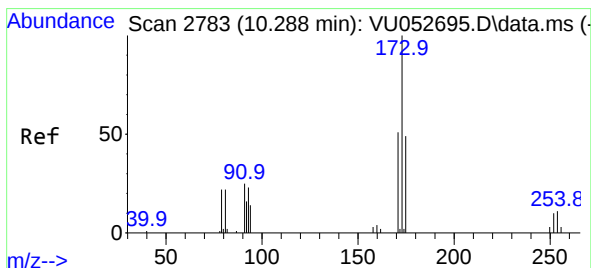
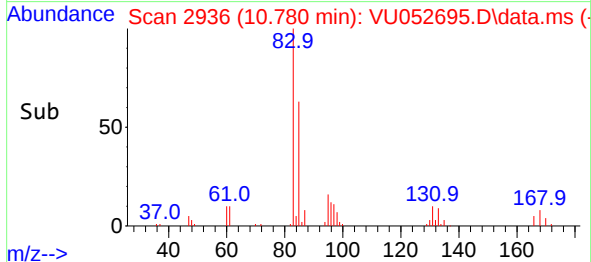
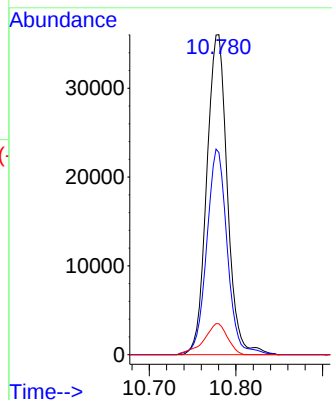
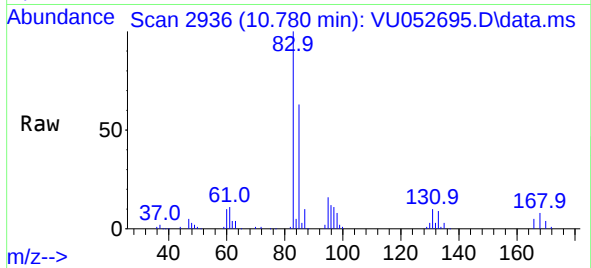




#57
1,1,2,2-Tetrachloroethane
Concen: 4.754 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

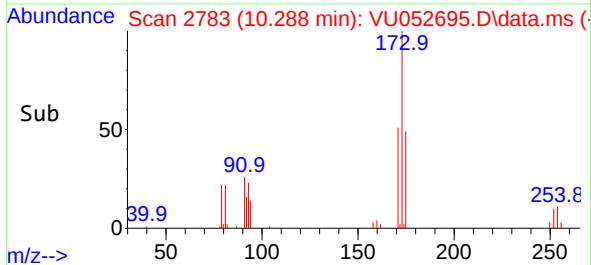
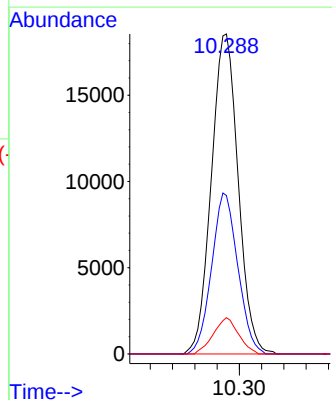
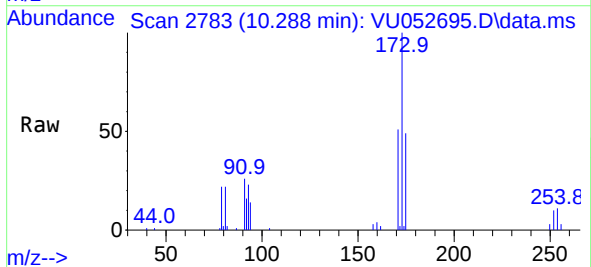
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

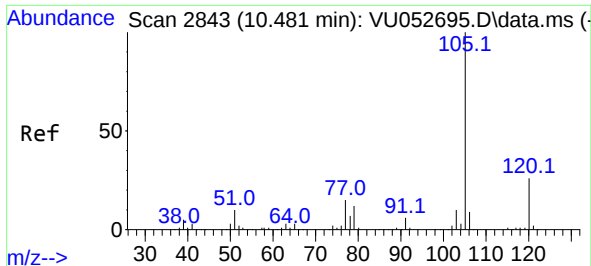
Tgt Ion:	83	Resp:	59498
Ion Ratio	Lower	Upper	
83	100		
85	63.2	43.7	81.1
131	9.7	7.0	10.6



#59
Bromoform
Concen: 5.017 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion:	173	Resp:	30995
Ion Ratio	Lower	Upper	
173	100		
175	49.0	38.2	57.4
254	10.6	7.3	10.9

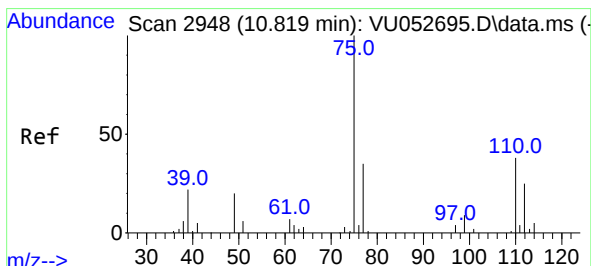
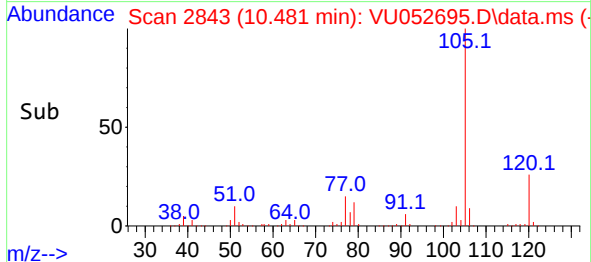
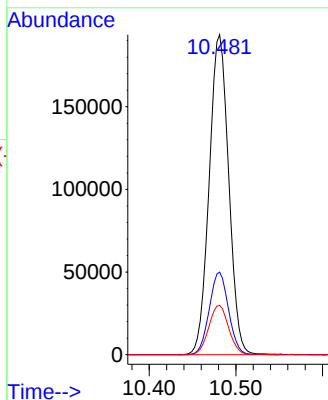
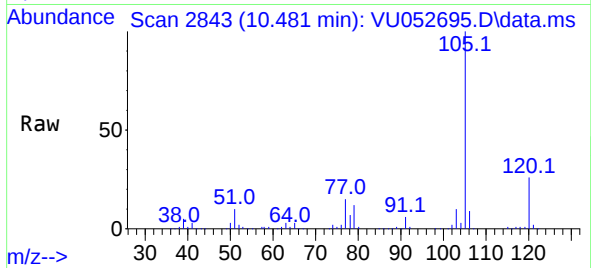




#60
Isopropylbenzene
Concen: 5.373 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

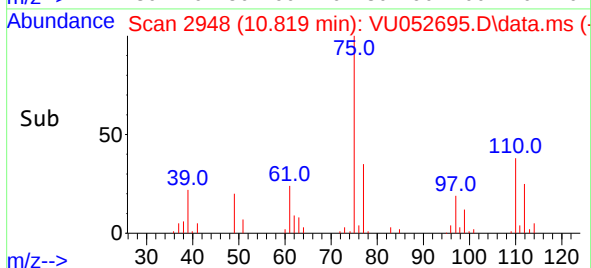
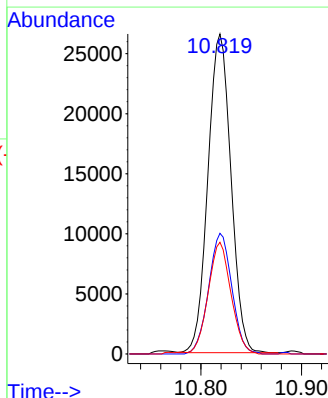
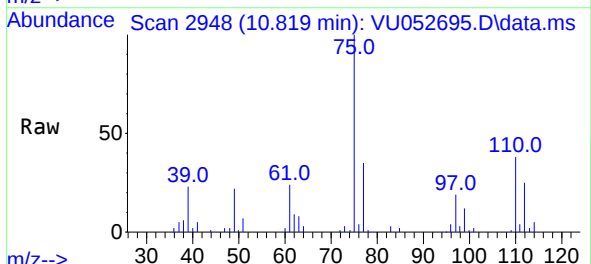
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

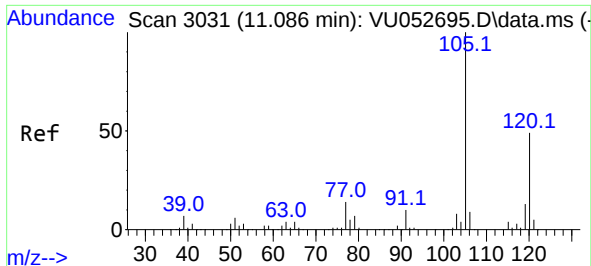
Tgt Ion:105 Resp: 302588
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6
77 15.7 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.579 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion: 75 Resp: 42281
Ion Ratio Lower Upper
75 100
110 38.2 27.2 40.8
77 35.0 24.0 36.0

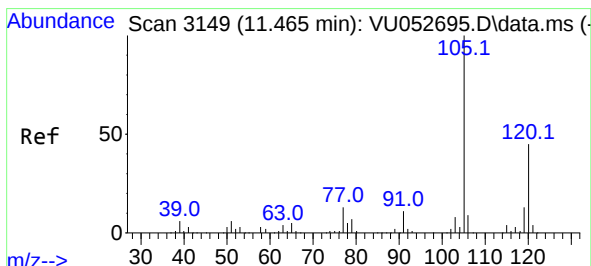
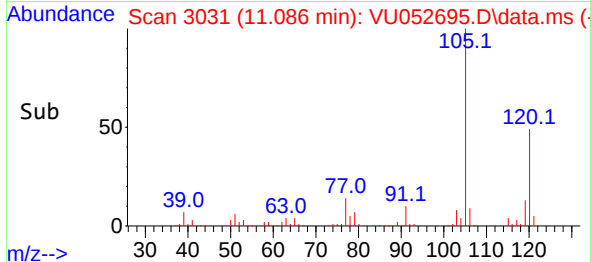
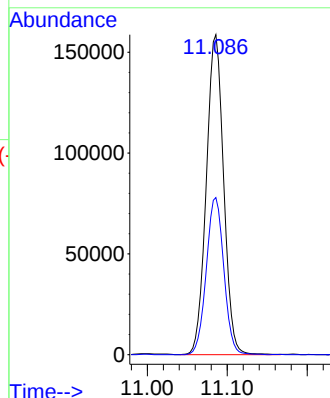
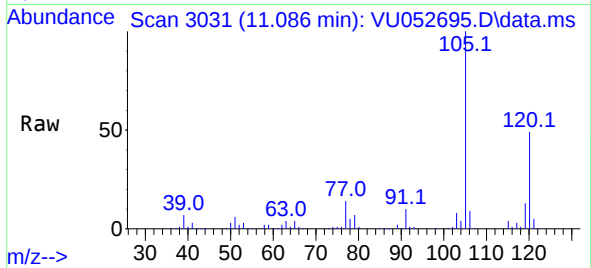




#62
1,3,5-Trimethylbenzene
Concen: 5.342 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

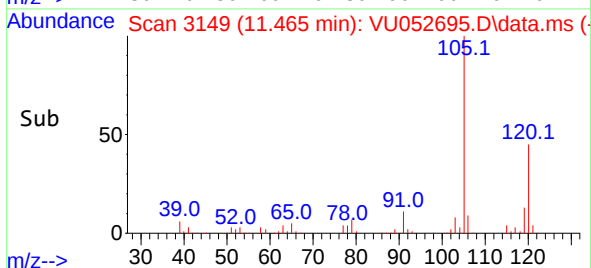
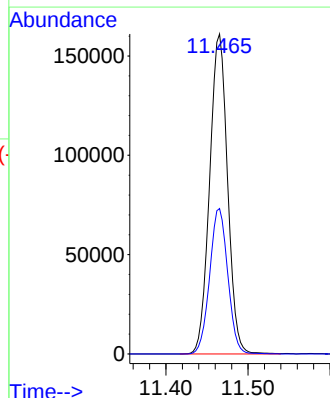
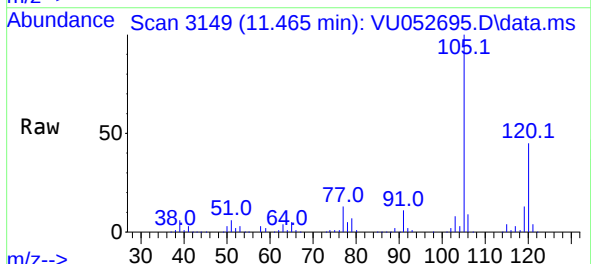
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

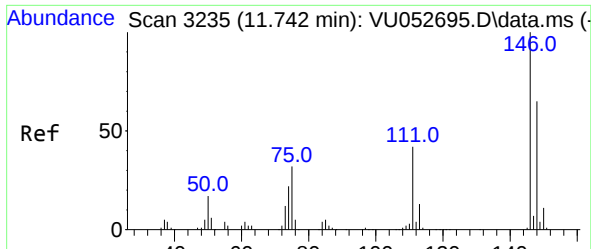
Tgt Ion:105 Resp: 239923
Ion Ratio Lower Upper
105 100
120 49.6 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 5.401 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion:105 Resp: 244370
Ion Ratio Lower Upper
105 100
120 46.0 35.9 53.9

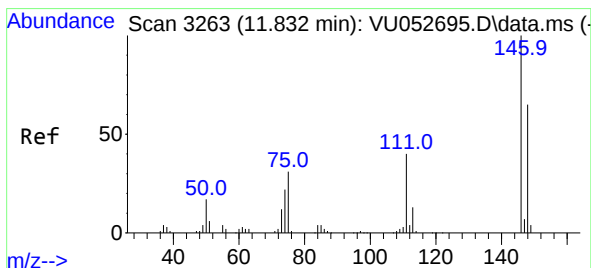
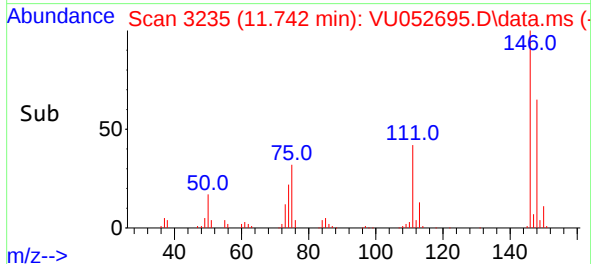
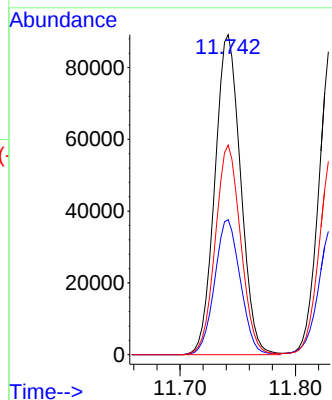
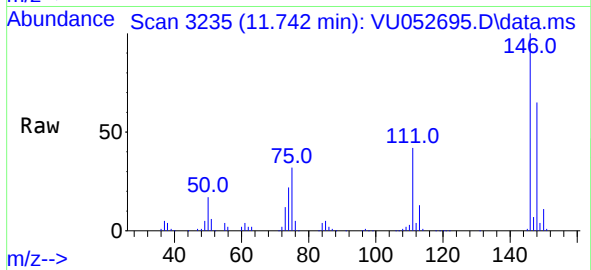




#64
1,3-Dichlorobenzene
Concen: 5.163 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

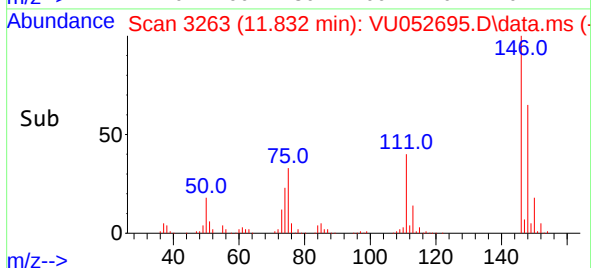
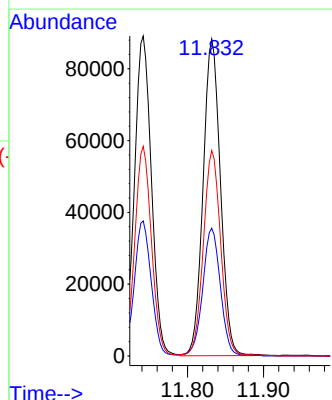
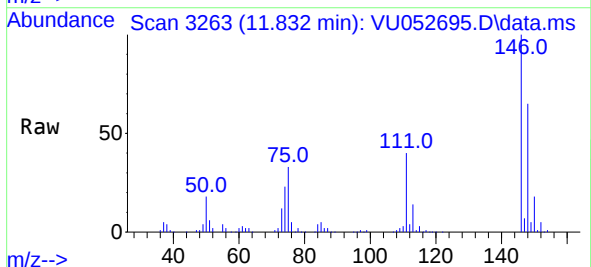
Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

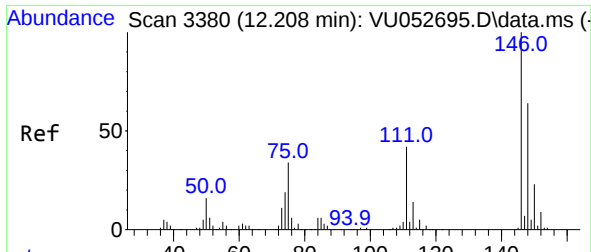
Tgt Ion:146 Resp: 138319
Ion Ratio Lower Upper
146 100
111 42.2 29.4 54.6
148 65.5 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.113 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion:146 Resp: 139725
Ion Ratio Lower Upper
146 100
111 40.3 28.1 52.3
148 64.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.040 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052695.D

Acq: 16 Jan 2023 11:09

Instrument :

MSVOA_U

ClientSampleId :

VSTD005126

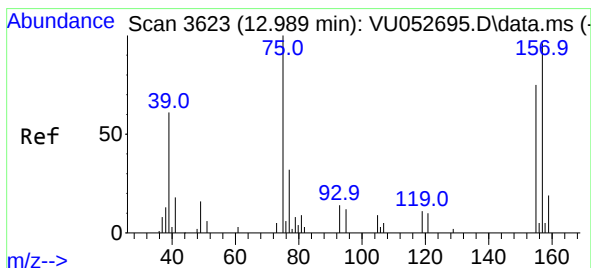
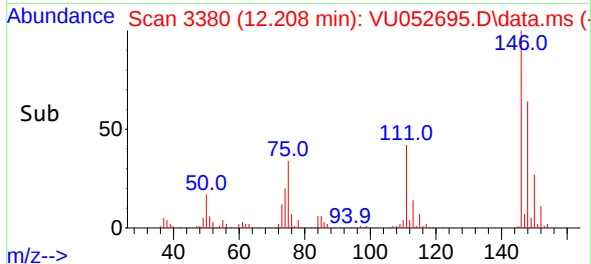
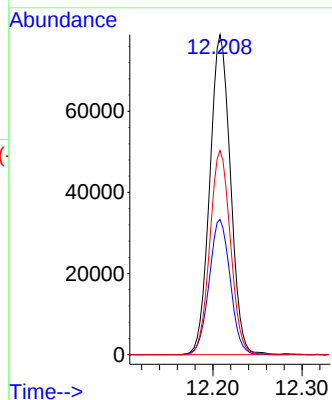
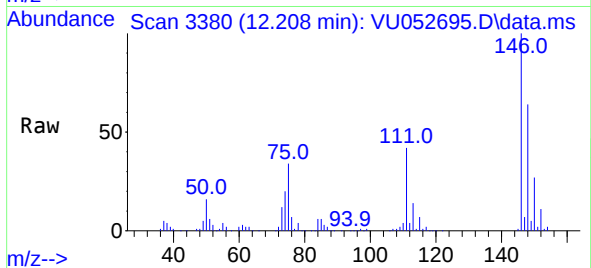
Tgt Ion:146 Resp: 127054

Ion Ratio Lower Upper

146 100

111 42.3 33.8 50.6

148 63.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.578 ug/L

RT: 12.989 min Scan# 3623

Delta R.T. 0.000 min

Lab File: VU052695.D

Acq: 16 Jan 2023 11:09

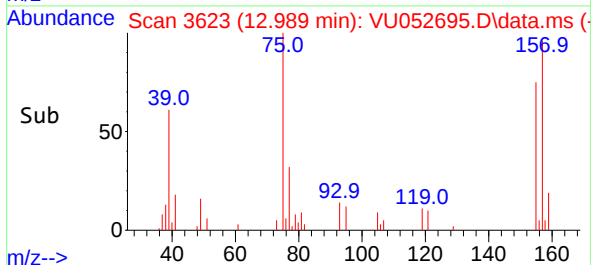
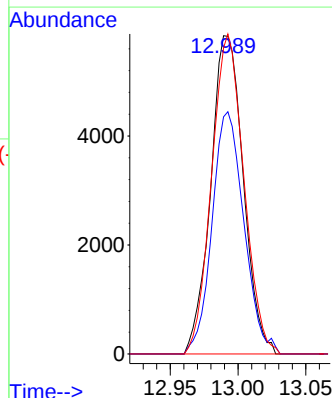
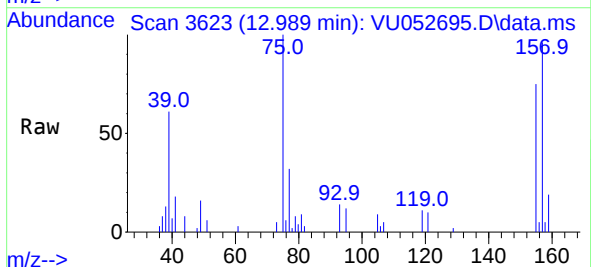
Tgt Ion: 75 Resp: 9749

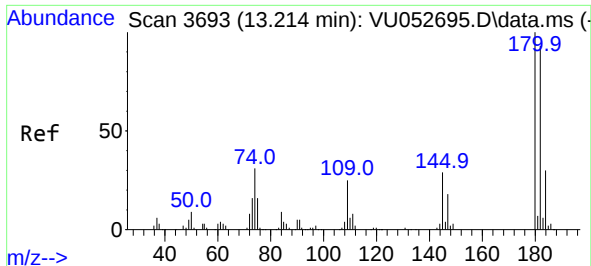
Ion Ratio Lower Upper

75 100

155 74.5 48.0 72.0#

157 96.2 69.3 103.9



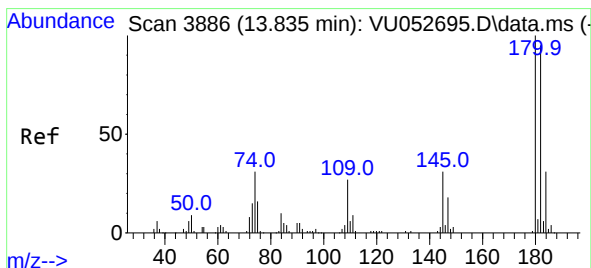
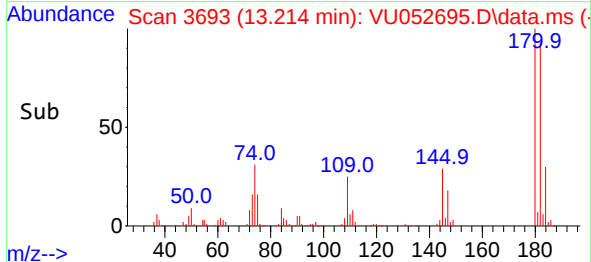
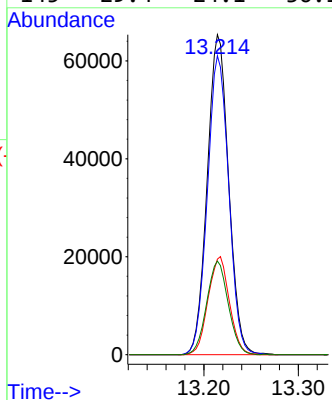
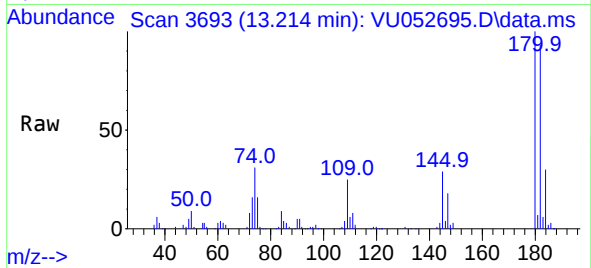


#69
1,3,5-Trichlorobenzene
Concen: 5.168 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Tgt Ion:180 Resp: 102839

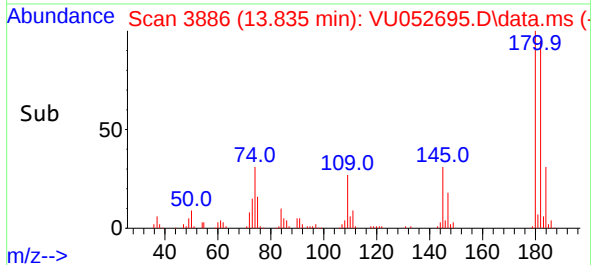
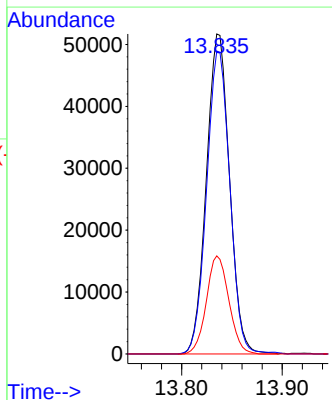
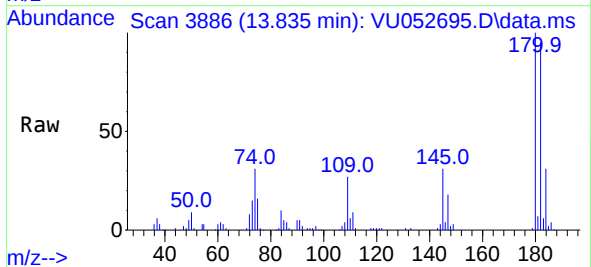
Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.1	112.7
184	30.4	23.6	35.4
145	29.4	24.1	36.1

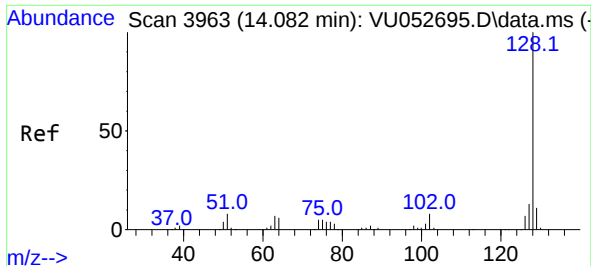


#70
1,2,4-trichlorobenzene
Concen: 5.178 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion:180 Resp: 82644

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.5	116.3
145	29.7	25.3	37.9

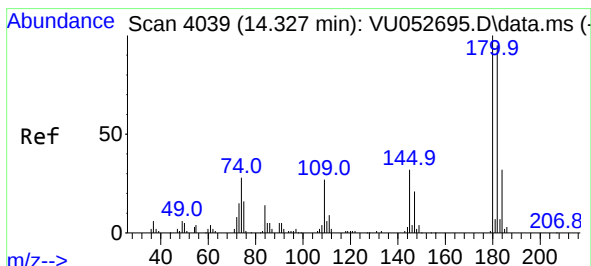
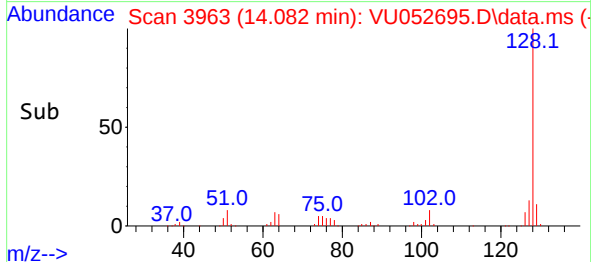
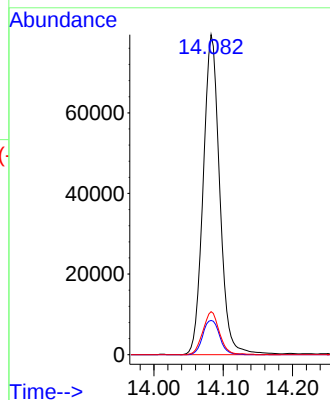
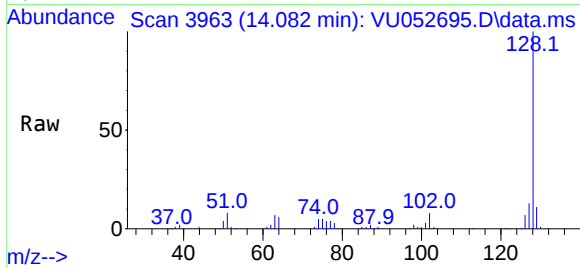




#71
Naphthalene
Concen: 4.750 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Instrument :
MSVOA_U
ClientSampleId :
VSTD005126

Tgt Ion:	128	Resp:	131602
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.5	10.8	16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.061 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052695.D
Acq: 16 Jan 2023 11:09

Tgt Ion:	180	Resp:	73997
Ion	Ratio	Lower	Upper
180	100		
182	97.0	75.8	113.6
145	32.3	26.5	39.7

